ONTARIO MOTOR VEHICLE ACCIDENT FACTS 1981

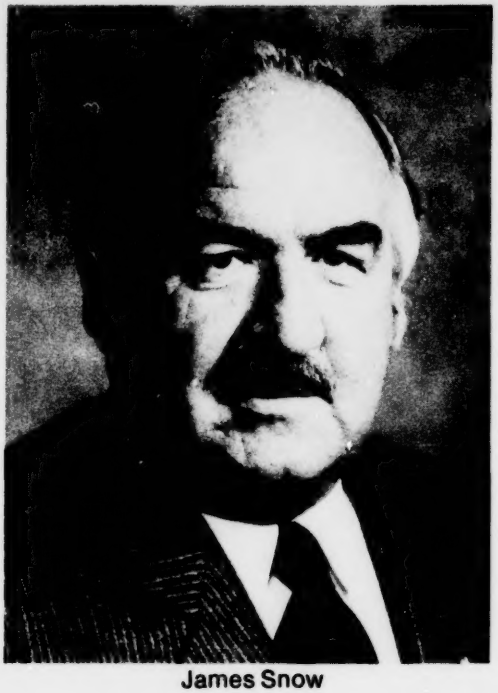
Copies available free from the Ontario
Government Bookstore, 880 Bay Street,
Toronto for personal shopping. Out-of-town
customers write to Publications Services
Section, 5th Floor, 880 Bay Street,
Toronto, Ontario M7A 1N8. (Telephone 965-6015).
Toll-free long distance 1-800-268-7540;
in Northwestern Ontario 0-Zenith 67200.

Motor Vehicle Accident Facts — 1981

Ministry of
Transportation and
Communications

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office

Deputy Minister: Harold Gilbert



James Snow

Minister's Message

Deaths on Ontario roads in 1981 dropped from 1,508 in 1980 to 1,445 — a decrease of 4.2 per cent — representing the second lowest number of fatalities in 17 years.

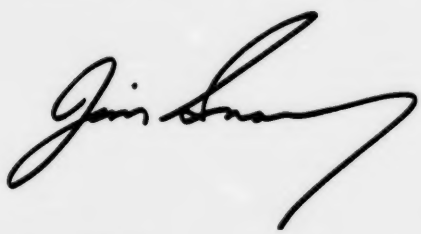
Once again, I'm convinced Ontario's safety programs played an important role in this reduction. Not to mention the new probationary driver licensing system, stricter enforcement of the seat belt law, continued er phasis on driver education and stricter control of drinking drivers.

It's also pleasing to note the number of injuries dropped slightly to 100,321 against 101,368 in 1980.

However, I'm disappointed to report that 107 motorcycle drivers and passengers died in accidents through '81 — eight more than in 1980. And, there were 5,189 injuries compared with 4,468 in 1980.

Road accidents don't just happen, they are caused. And their avoidance should be a matter of concern for all road users. I sincerely hope we will accept this responsibility whether using Ontario highways and streets as pedestrians, passengers or drivers.

I'm convinced that with the co-operation of everyone, we can continue to reduce traffic accident losses in future years.



James Snow
Minister of
Transportation and Communications

Contents

Deaths and Injuries **Page**

Trends-Deaths and Injuries 1972-1981 2
Synopsis-Comparative Statistics 1980-1981 3
Class of Victims Killed by Age 6
Class of Victims Injured by Age 7
Fatal Accidents and Persons Killed 1972-1981 8
Personal Injury Accidents and Persons Injured 1972-1981 9
Motorcycle Accident Statistics 10
Motorcycle Registrations and Licensed Motorcyclists 1972-1981 11
Action and Condition of Pedestrians Killed and Injured 12

Selected Characteristics

Condition of Driver and Occurrence of Alcohol in Drivers Killed 1980-1981 14
Driver Condition by Age in All Motor Vehicle Accidents 1980-1981 15
Apparent Driver Action in all Motor Vehicle Accidents 1980-1981 15
Driver Seat Belt Use by Nature of Injury 1980-1981 16
Driver Severity of Injury by Seat Belt Usage 1980-1981 17
Passenger Seat Belt Use by Nature of Injury 1980-1981 18
Passenger Severity of Injury by Seat Belt Usage 1980-1981 19
Severity of Injury by Class of Persons Involved 1981 20
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents by Age 1980-1981 21
Persons Killed by Time of Day and Week 1981 22
Motor Vehicle Deaths/Injuries by Month of Occurrence 1972-1981 23
Fatal Motor Vehicle Accidents and Fatalities/Injuries on Long Weekends 1980-1981 24
Accidents Involving School Vehicles 1971-1972 to 1980-1981 25
Accidents Involving School Vehicles 1979-1980 to 1980-1981 25
Motor Vehicle Accidents by Type 1972-1981 26
Type and Condition of Vehicles Involved in all Accidents 1981 27
Type of Vehicle Involved in all Accidents 1981 28
Motor Vehicle Accidents by Place of Occurrence 1972-1981 30
Accident Involves Motor Vehicle and Moveable/Fixed Object and Other 31
All Accidents by Light Condition, Visibility and Road Location 1981 32
All Accidents by Road Type, Road Condition and Road Surface Condition 1981 33
Statistics Relating to Motor Vehicle Accidents by Counties, Districts and Regional Municipalities 34
Statistics Relating to Motor Vehicle Accidents in Ontario Cities, Towns and Villages 36

Appendix

Number of Accidents 43
Number of Drivers and Pedestrians 44
Number of Victims 45
Number of Vehicles 46

Trends in Motor Vehicle Accidents
Death and Injury Rates over the Period 1972–1981

Between 1972 and the end of 1981, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978 and 1980) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and declined to a low of 1,420 deaths in 1977.

In the past year, the number of deaths decreased 4.2% from the 1,508 deaths in 1980 to 1,445 deaths in 1981. The population grew from 8.57 million to 8.63 million. The death rate per 100,000 population decreased to 16.8 from 17.6 last year. The death rate over the past ten years ranged from 24.7 to 16.8. The 1981 death rate of 16.8 is the same and the lowest as in the year 1946 at which time the population was 4.09 million.

There was a decrease of 1,046 persons injured, from 101,367 in 1980 to 100,321 this year. The 1981 injury rate per 100,000 population decreased to 1,163.1 from 1,182.8 in 1980.

Last year, the number of motor vehicle accidents reported totalled 198,372 an increase of 1.0% against the 1980 total of 196,501. However, there were decreases of 4.8% in fatal accidents and 4.2% in persons killed. The personal injury accidents and persons injured decreased slightly by 0.1% and 1.0% respectively.

The motor vehicle accident rate per one million kilometres travelled increased this year to 2.8 and the fatal accident rate per 100 million kilometres travelled remained the same as the previous year i.e. 1.7. The death rate per 100 million kilometres travelled decreased from 2.1 in 1980 to 2.0 this year. The 1981 death rate of 2.0 is the lowest since 1955.

The number of kilometres driven in 1981 was estimated at 70,905,834,000 a decrease of 2.2% from the 1980 figure of 72,419,477,000. This is the first decrease in kilometres driven during the past 25 years.

Synopsis

During 1981, there were 198,372 reported motor vehicle accidents, an increase of 1.0% over the total of 196,501 accidents reported in 1980. This year, there were decreases of 4.8% in fatal accidents and 4.2% in persons killed. Accidents involving personal injuries decreased 0.1% and persons injured decreased 1.0%. Property damage only accidents increased 1.2% over the previous year.

Drivers killed and injured (excluding motorcycle and moped drivers) decreased 3.7% and 0.2%. Passengers killed and injured decreased 4.8% and 4.3% respectively.

Motorcycle drivers killed and injured increased 16.0% and 16.4% while motorcycle passengers killed decreased by 27.8% and injuries increased 14.8%. Bicyclists killed and injured increased 21.2% and 2.7% respectively.

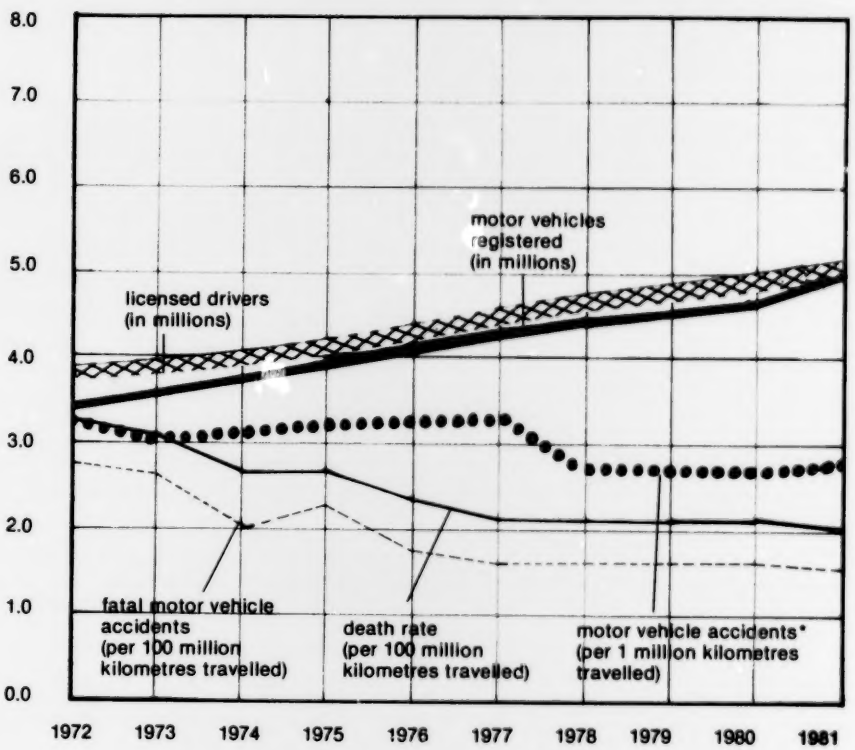
COMPARATIVE STATISTICS 1980–1981

	1980	1981	% of Change
Total Reportable Motor Vehicle Accidents	196,501	198,372	+1.0
Fatal Accidents	1,296	1,234	−4.8
Personal Injury Accidents	67,391	67,292	−0.1
Property Damage Only Accidents	127,814	129,846	+1.2
Persons Killed	1,508	1,445	−4.2
Persons Injured	101,367	100,321	−1.0
Vehicle Accident Rate per Million Kilometres Travelled*	2.7	2.8	+3.7
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.8	1.7	−5.6
Death Rate per 100 Million Kilometres Travelled*	2.1	2.0	−4.8
Motor Vehicles Registered	4,758,010	5,050,270*	+6.1
Millions of Vehicle Kilometres Travelled	72,419**	70,906**	−2.2
Ontario Population	8,570,000*	8,625,000*	+0.4
Drivers Licensed	4,993,531	5,123,177	+2.6
Amount of Property Damage	$357,640,284*	$396,925,442*	+11.0

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

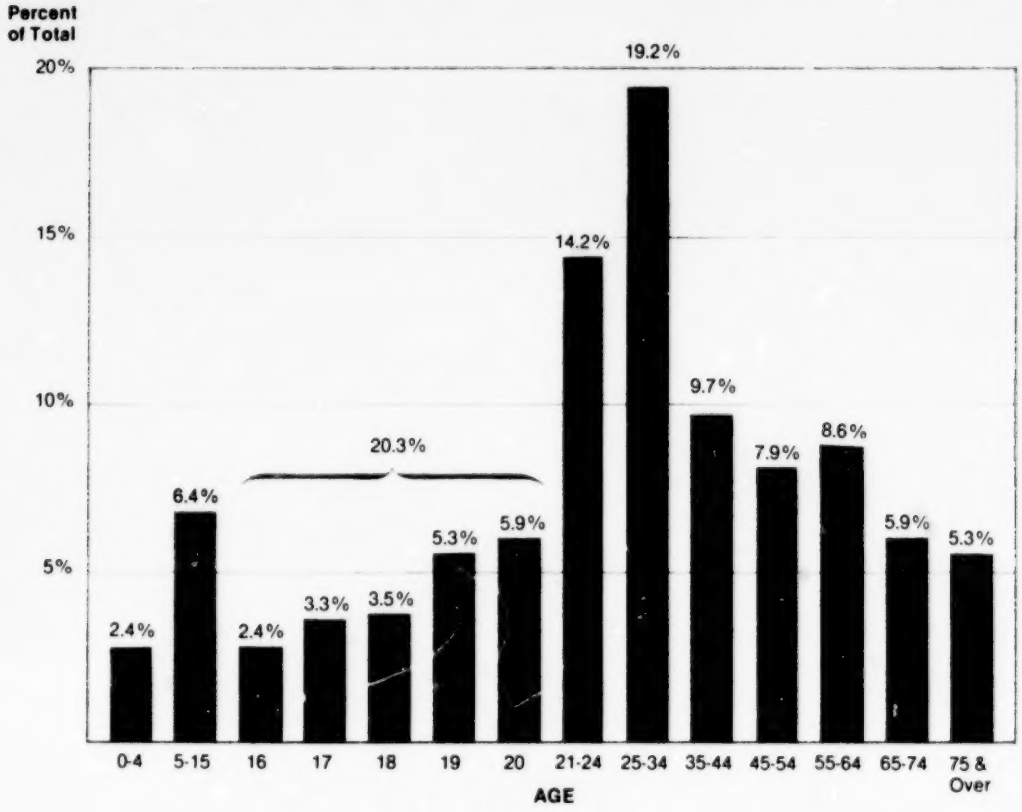
Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1972 - 1981



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from $200 to $400.

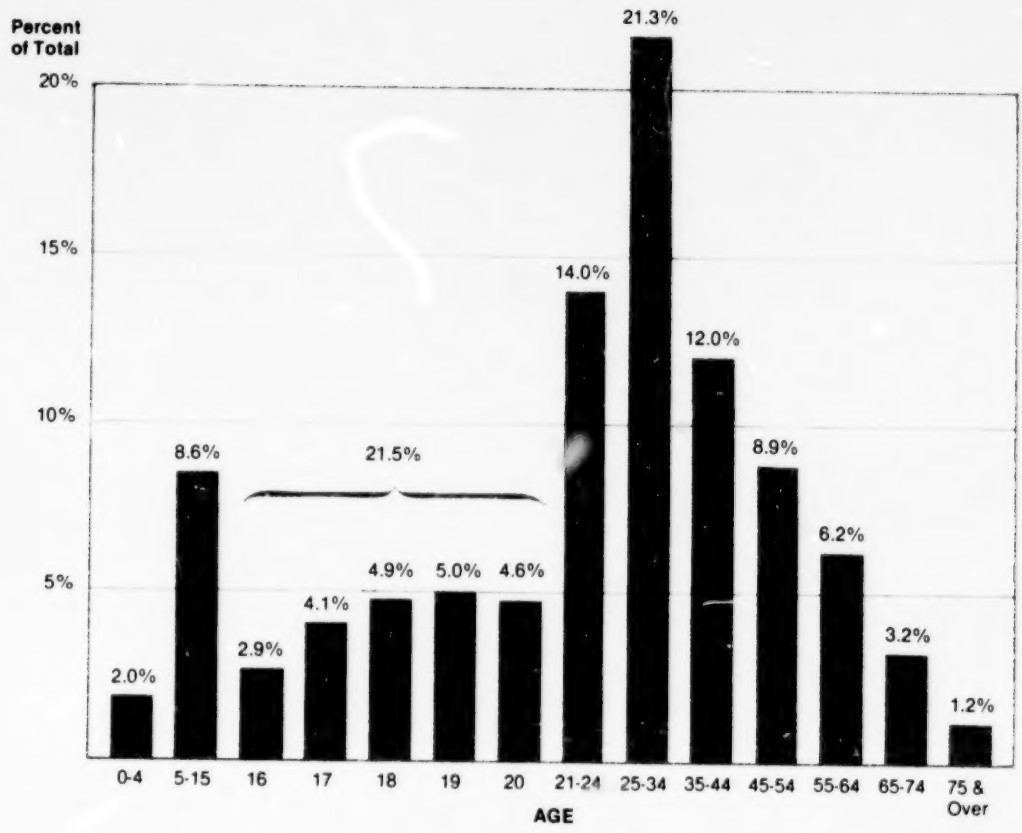
Deaths & Injuries

Class of Victims Killed — by Age — 1981



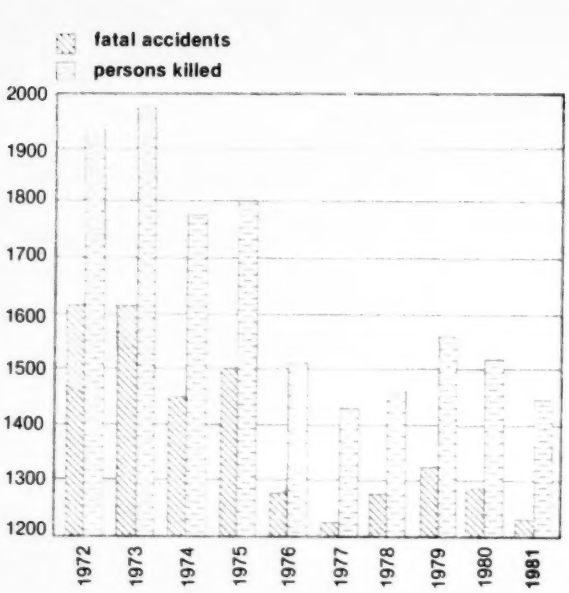
Victim	Total	Class of Victims Killed — By Age — 1981														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	657	—	3	6	17	18	38	44	105	162	89	66	59	30	20	—
Passenger	393	20	34	18	22	18	26	24	60	47	29	25	36	19	15	—
Pedestrian	237	15	29	4	3	5	4	8	5	24	19	20	27	32	40	2
Bicyclist	40	—	22	2	1	1	1	—	1	7	—	1	1	1	1	1
Moped Driver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	94	—	—	1	2	8	7	9	27	35	2	2	1	—	—	—
Motorcycle Passenger	13	—	1	3	2	—	1	—	5	1	—	—	—	—	—	—
Other	11	—	3	—	1	—	—	—	2	1	1	—	—	3	—	—
Total	1445	35	92	34	48	50	77	85	205	277	140	114	124	85	76	3

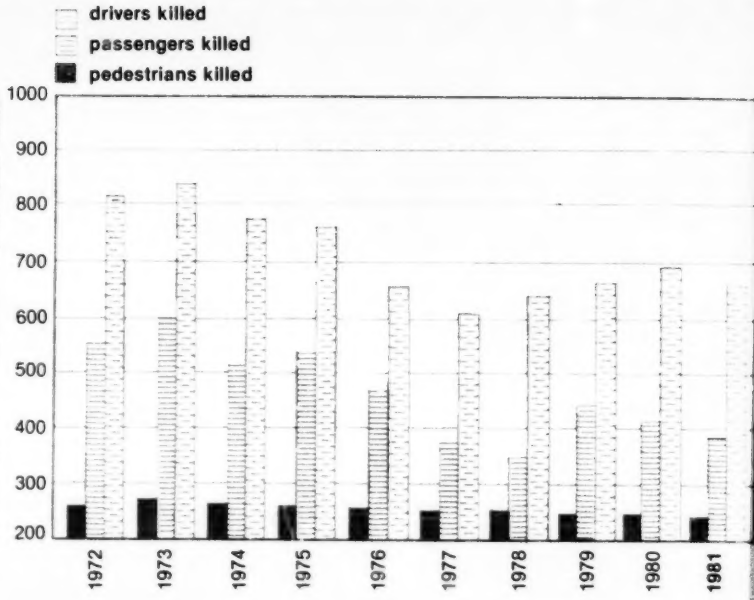
Class of Victims Injured — by Age — 1981



Victim	Total	Class of Victims Injured — By Age — 1981														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	50,574	2	95	859	1,629	2,232	2,457	2,295	7,702	13,639	8,254	5,757	3,597	1,533	471	52
Passenger	34,450	1,595	4,825	1,435	1,777	1,822	1,786	1,603	4,272	5,451	3,041	2,593	2,073	1,267	516	394
Pedestrian	6,344	370	1,968	158	185	158	171	137	429	767	431	444	420	368	254	84
Bicyclist	3,488	33	1,502	168	138	153	120	89	296	316	89	71	34	29	10	440
Moped Driver	59	—	1	3	3	5	6	4	8	6	4	9	6	3	—	1
Motorcycle Driver	4,303	—	92	185	314	405	402	427	1,091	1,032	223	80	32	5	--	15
Motorcycle Passenger	886	2	93	64	94	103	86	79	179	138	36	4	1	—	1	6
Other	217	8	56	14	9	9	12	8	32	29	13	13	7	1	2	4
Total	100,321	2,010	8,632	2,886	4,149	4,887	5,040	4,642	14,009	21,378	12,091	8,971	6,170	3,206	1,254	996

Fatal Accidents and Persons Killed
1972 - 1981





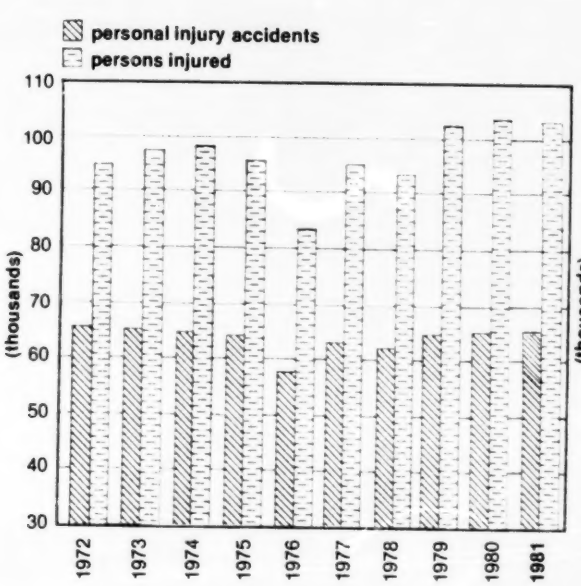
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

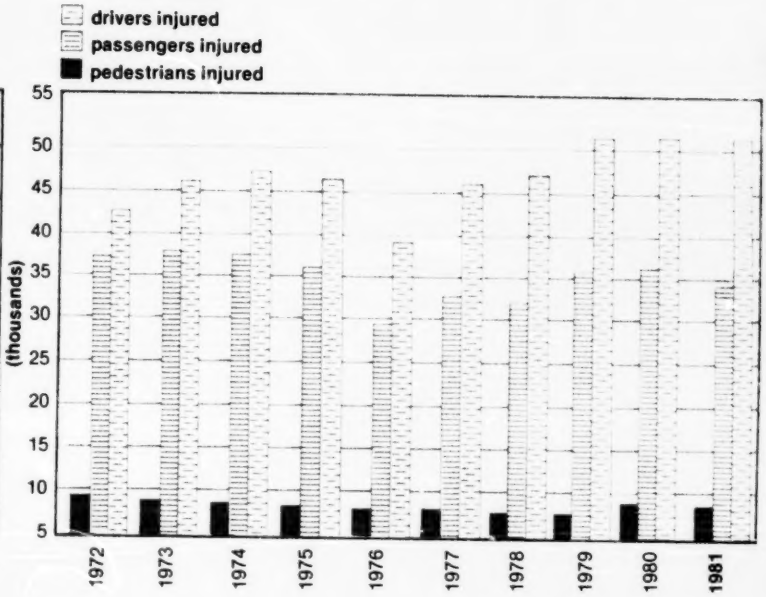
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1972	7,834,000	827	15.1	564	7.2	383	4.9	160	2.0	1,934	24.7
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	**8,625,000**	**657**	**9.9**	**393**	**4.6**	**237**	**2.7**	**158**	**1.8**	**1,445**	**16.8**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured
1972 - 1981





NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1972	7,834,000	43,910	801.5	37,001	472.3	7,941	101.4	6,329	80.8	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	**8,625,000**	**50,574**	**765.8**	**34,450**	**399.4**	**6,344**	**73.6**	**8,953**	**103.8**	**100,321**	**1,163.1**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

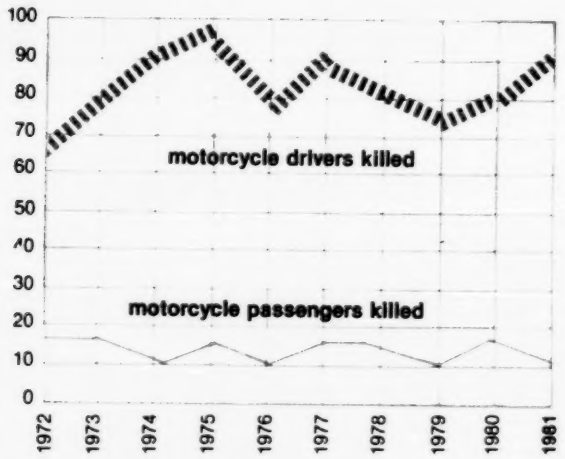
Motorcycle Accident Statistics

During 1981, the number of motorcycle drivers killed and injured increased 16.0% and 16.4% respectively. Motorcycle passengers killed decreased 27.8% but injuries increased 14.8%.

The motorcycle driver fatality rate per 100,000 drivers increased from 32.5 in 1980 to 35.2 in 1981. The motorcycle driver injury rate per 100,000 drivers increased from 1,482.0 in 1980 to 1,612.2 this year.

The number of licensed drivers authorized to operate motorcycles increased 7.0% from 249,397 in 1980 to 266,924. Motorcycle registrations were up approximately 10% from 96,942 in 1980 to an estimated 107,227 this year.

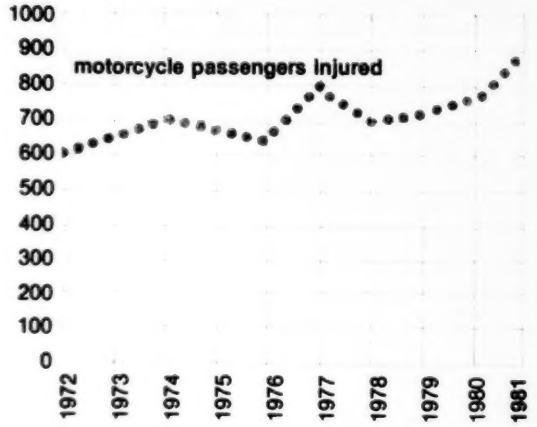
NOTE: Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.



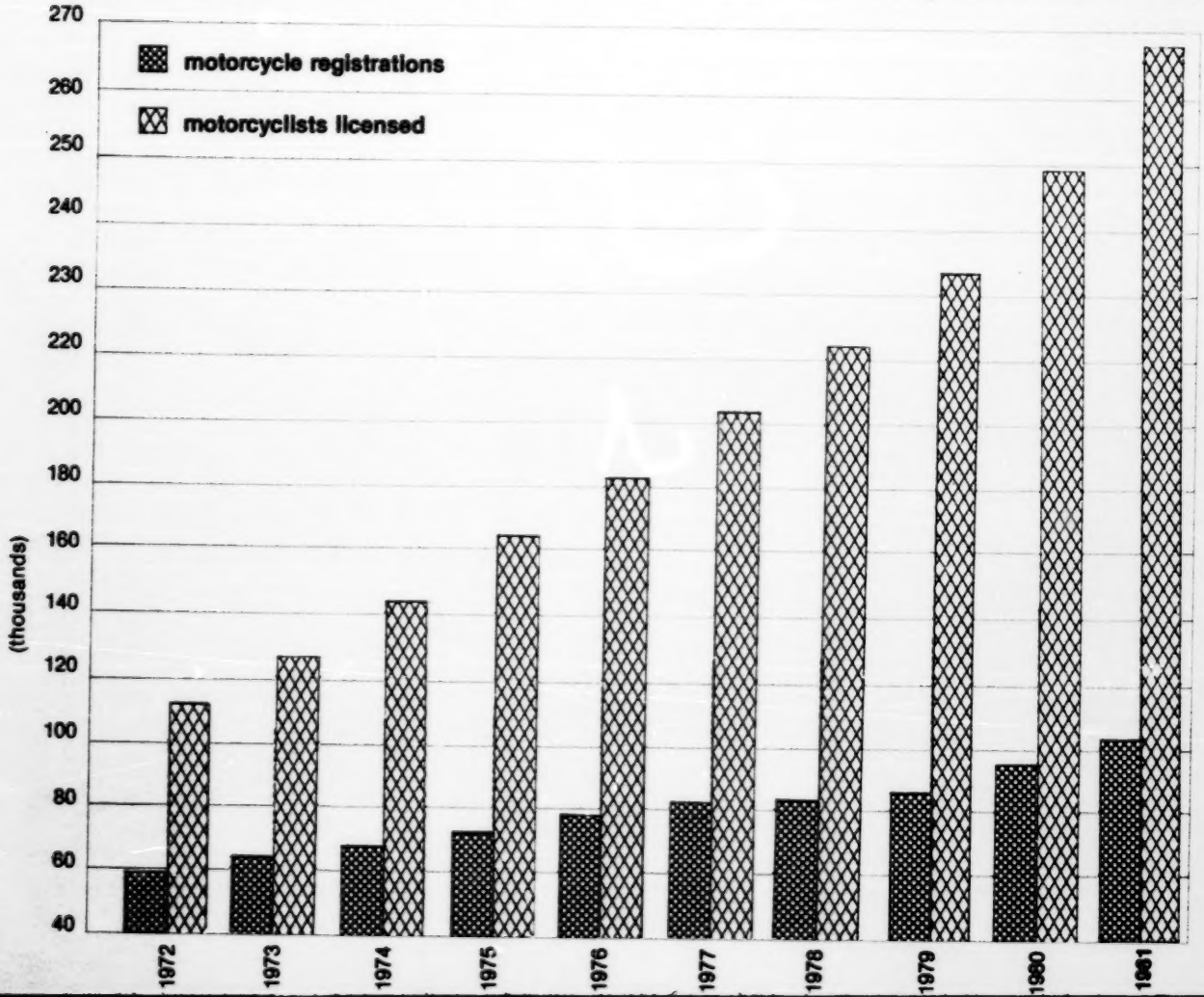
Year	MOTORCYCLISTS KILLED AND INJURED*								
	Drivers				Passengers				
	Killed	% + −	Injured	% + −	Killed	% + −	Injured	% + −
1972	66	+29.4	2,424	+ 0.2	17	+13.3	605	+ 1.3
1973	84	+27.3	2,623	+ 8.2	16	− 5.9	623	+ 3.0
1974	86	+ 2.4	3,260	+24.3	13	−18.8	708	+13.6
1975	97	+12.8	3,181	− 2.4	16	+23.1	679	− 4.1
1976	78	−19.6	2,818	−11.4	10	−37.5	648	− 4.6
1977	88	+12.8	3,594	+27.5	17	+70.0	807	+24.5
1978	80	− 9.1	3,453	− 3.9	17	—	697	−13.6
1979	75	− 6.2	3,667	+ 6.2	10	−41.2	710	+ 1.9
1980	81	+ 8.0	3,696	+ 0.8	18	+80.0	772	+ 8.7
1981	**94**	**+16.0**	**4,303**	**+16.4**	**13**	**−27.8**	**886**	**+14.8**

*Excludes moped drivers and passengers.

Motorcyclists Injured 1972–1981



Motorcycle Registrations and Licensed Motorcyclists 1972–1981



Actions and Conditions of Pedestrians Killed and Injured 1980–1981

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1980–1981				
	1980		1981	
Action	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	13	1,116	15	1,115
Crossing Intersection Without Right of Way	11	465	8	448
Crossing Intersection No Traffic Control	10	125	9	147
Crossing Pedestrian Crossover	5	222	4	214
Walking on Roadway With Traffic	22	201	29	182
Walking on Roadway Against Traffic	9	106	8	102
On Sidewalk or Shoulder	20	451	10	470
Coming from Behind Parked Vehicle or Object	6	496	11	424
Playing or Working on Highway	8	124	2	128
Running into Roadway	42	1,376	42	1,362
Crossing Through Traffic	64	940	54	873
Other	56	926	45	879
Total	**266**	**6,548**	**237**	**6,344**

CONDITION OF PEDESTRIANS KILLED AND INJURED 1980–1981				
	1980		1981	
Condition	Killed	Injured	Killed	Injured
Normal	148	5,324	123	5,099
Had Been Drinking	22	404	21	426
Ability Impaired by Alcohol	40	133	33	138
Ability Impaired by Drugs	—	5	—	10
Fatigue	—	4	—	9
Medical or Physical Defect	8	87	7	92
Not Known	48	527	50	500
Other	—	64	3	70
Total	**266**	**6,548**	**237**	**6,344**

Selected Characteristics

Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER

Condition	All Accidents				Fatal Accidents			
	1980	%	1981	%	1980	%	1981	%
Apparently Normal	277,516	82.8	281,293	82.8	1,091	55.8	1,039	55.7
Ability Impaired by Alcohol	10,310	3.1	10,313	3.0	296	15.1	396	21.2
Had Been Drinking	19,617	5.8	19,326	5.7	293	15.0	201	10.8
Other	2,394	0.7	2,453	0.7	28	1.4	19	1.0
Not Known	25,325	7.6	26,255	7.7	247	12.6	210	11.3
Total	**335,162**	**100.0**	**339,640**	**100.0**	**1,955**	**100.0**	**1,865**	**100.0**

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

Recorded Occurrence	Number of Drivers*			
	1980	%	1981	%
Apparently Normal	279	46.6	265	41.3
Ability Impaired By Alcohol	216	36.1	309	48.2
Had Been Drinking	104	17.3	67	10.5
Total	**599**	**100.0**	**641**	**100.0**

*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1980–1981

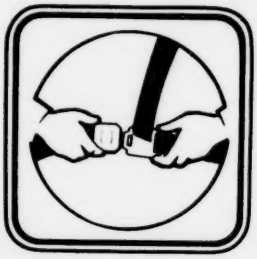
DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS

Driver's Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Under 16	446	413	15	8	63	39	16	13	52	71	592	544
16	6,148	5,689	99	97	351	294	43	43	235	239	6,876	6,362
17	10,538	9,690	246	228	737	763	95	84	394	413	12,010	11,178
18	12,487	11,908	444	414	1,225	1,126	122	144	479	488	14,757	14,080
19	12,666	11,809	536	570	1,649	1,563	157	149	506	481	15,514	14,572
20	11,849	11,651	552	533	1,500	1,528	124	118	496	499	14,521	14,329
21 - 24	39,944	39,900	1,691	1,813	4,404	4,247	371	357	1,599	1,554	48,009	47,871
25 - 34	72,548	74,131	2,972	2,961	5,185	5,294	518	568	2,323	2,520	83,546	85,474
35 - 44	44,649	46,635	1,725	1,694	2,290	2,229	273	284	1,292	1,402	50,229	52,244
45 - 54	32,507	33,596	1,235	1,163	1,326	1,251	241	220	904	901	36,213	37,131
55 - 64	21,270	22,590	603	623	612	728	170	195	538	576	23,193	24,712
65 - 74	9,514	10,137	165	181	227	219	167	156	242	256	10,315	10,949
75 & Over	2,819	3,009	15	14	29	25	89	112	75	89	3,027	3,249
Not Known	131	135	12	14	19	20	8	10	16,190	16,766	16,360	16,945
Total	**277,516**	**281,293**	**10,310**	**10,313**	**19,617**	**19,326**	**2,394**	**2,453**	**25,325**	**26,255**	**335,162**	**339,640**

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1980–1981

Action	1980	% of Total	1981	% of Total
Driving Properly	142,081	42.4	145,220	42.8
Following Too Close	16,870	5.0	17,231	5.1
Speed Too Fast	28,999	8.7	28,336	8.3
Improper Turn	12,731	3.8	12,723	3.7
Disobey Traffic Signal	6,303	1.9	6,478	1.9
Disobey Stop Sign	4,476	1.3	4,437	1.3
Fail to Yield Right of Way	35,705	10.6	37,267	11.0
Improper Passing	5,130	1.5	5,273	1.6
Lost Control	25,540	7.6	24,549	7.2
Wrong Way On One-Way Road	319	0.1	316	0.1
Disobey Other Control	203	0.1	180	0.1
Other*	26,073	7.7	27,175	8.0
Not Known	30,732	9.2	30,455	9.0
Total	**335,162**	**100.0**	**339,640**	**100.0**

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1980–1981

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1981*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	362	1.16	144	0.05	119	1.2	16	0.3	16	0.1	657	0.2
Injured	9,162	29.4	38,073	14.2	2,249	22.8	668	14.1	422	2.0	50,574	15.1
Not Injured	21,679	69.5	229,832	85.7	7,517	76.0	4,058	85.6	20,207	97.9	283,293	84.7
Total	**31,203**	**100.0**	**268,049**	**100.0**	**9,885**	**100.0**	**4,742**	**100.0**	**20,645**	**100.0**	**334,524**	**100.0**

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1980*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	370	1.22	143	0.05	137	1.4	14	0.3	18	0.1	682	0.2
Injured	8,780	29.1	38,275	14.4	2,204	22.3	913	16.6	481	2.4	50,653	15.3
Not Injured	21,056	69.7	226,974	85.5	7,553	76.3	4,568	83.1	19,219	97.5	279,370	84.5
Total	**30,206**	**100.0**	**265,392**	**100.0**	**9,894**	**100.0**	**5,495**	**100.0**	**19,718**	**100.0**	**330,705**	**100.0**

*Excludes Motorcycle and Moped Drivers
Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1981, 80.1% of the drivers involved in motor vehicle accidents were using their seat belts and 9.3% were not using them as compared to 80.3% of the drivers in 1980 who were using their seat belts and 9.1% were not.

During 1981, there were 3.7% fewer driver fatalities and drivers injured decreased 0.2%. Out of the 31,203 drivers involved who had seat belts installed but were not using them, 1.16% (362) were killed, 29.4% (9,162) were injured and 69.5% (21,679) were not injured. In comparison, 0.05% (144) of the 268,049 drivers who were using their seat belts were killed, 14.2% (38,073) were injured and 85.7% (229,832) were not injured.

Driver Severity of Injury by Seat Belt Usage 1980–1981

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	229,832	85.7	25,737	71.6	27,724	90.8	283,293	84.7
Minimal	23,825	8.9	4,468	12.4	981	3.2	29,274	8.8
Minor	12,436	4.6	4,002	11.1	1,089	3.6	17,527	5.2
Major	1,812	0.7	1,360	3.8	601	2.0	3,773	1.1
Fatal	144	0.05	378	1.05	135	0.4	657	0.2
Total	268,049	100.0	35,945	100.0	30,530	100.0	334,524	100.0

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1980*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1980	%	1980	%	1980	%	1980	%
None	226,974	85.5	25,624	71.8	26,772	90.4	279,370	84.5
Minimal	23,338	8.8	4,281	12.0	1,033	3.5	28,652	8.7
Minor	13,034	4.9	3,945	11.0	1,005	3.4	17,984	5.4
Major	1,903	0.7	1,467	4.1	647	2.2	4,017	1.2
Fatal	143	0.05	384	1.07	155	0.5	682	0.2
Total	265,392	100.0	35,701	100.0	29,612	100.0	330,705	100.0

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor - Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1980–1981

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1981*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	223	0.89	55	0.04	65	0.8	29	0.3	21	0.3	393	0.2
Injured	8,440	33.6	21,272	15.9	1,483	19.0	2,926	27.2	329	5.3	34,450	18.8
Not Injured	16,479	65.5	112,230	84.0	6,240	80.1	7,804	72.5	5,888	94.4	148,641	81.0
Total	**25,142**	**100.0**	**133,557**	**100.0**	**7,788**	**100.0**	**10,759**	**100.0**	**6,238**	**100.0**	**183,484**	**100.0**

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1980*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	224	0.88	74	0.05	51	0.6	50	0.4	14	0.2	413	0.2
Injured	8,426	33.0	22,255	16.2	1,669	20.0	3,247	26.8	385	6.3	35,982	19.0
Not Injured	16,871	66.1	114,971	83.7	6,623	79.4	8,836	72.8	5,736	93.5	153,037	80.8
Total	**25,521**	**100.0**	**137,300**	**100.0**	**8,343**	**100.0**	**12,133**	**100.0**	**6,135**	**100.0**	**189,432**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1981, 72.8% of the passengers involved in motor vehicle accidents were using their seat belts and 13.7% were not as compared to 72.5% of the passengers in 1980 who were using their seat belts and 13.5% were not.

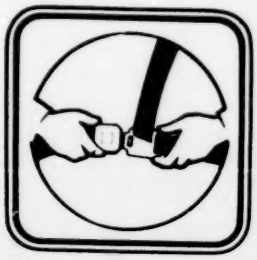
This year, there was a 4.8% decrease in passenger fatalities and a 4.3% decrease in passengers injured. Out of the 25,142 passengers involved who had seat belts installed but were not using them, 0.89% (223) were killed, 33.6% (8,440) were injured and 65.5% (16,479) were not injured. In comparison, 0.04% (55) of the 133,557 passengers who were using their seat belts were killed, 15.9% (21,272) were injured and 84.0% (112,230) were not injured.

CHILD RESTRAINT SYSTEMS

During 1980, there were 2,517 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 2 children were killed, 222 injured and 2,201 not injured. The remaining 2 children killed, 23 injured and 67 not injured were not using restraint systems or usage was unknown.

This year, 2,655 children were involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 1 child was killed, 204 were injured and 2,386 were not injured. The remaining 2 children killed, 14 injured and 48 not injured were not using restraint systems or usage was unknown.

Passenger Severity of Injury by Seat Belt Usage 1980–1981



PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	112,230	84.0	24,283	67.6	12,128	86.4	**148,641**	81.0
Minimal	12,907	9.7	5,199	14.5	794	5.7	**18,900**	10.3
Minor	7,399	5.5	4,819	13.4	682	4.9	**12,900**	7.0
Major	966	0.7	1,348	3.8	336	2.4	**2,650**	1.4
Fatal	55	0.04	252	0.70	86	0.6	**393**	0.2
Total	**133,557**	**100.0**	**35,901**	**100.0**	**14,026**	**100.0**	**183,484**	**100.0**

PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1980*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1980	%	1980	%	1980	%	1980	%
None	114,971	83.7	25,707	68.3	12,359	85.4	**153,037**	80.8
Minimal	13,207	9.6	5,419	14.4	815	5.6	**19,441**	10.3
Minor	7,987	5.8	4,794	12.7	829	5.7	**13,610**	7.2
Major	1,061	0.8	1,460	3.9	410	2.8	**2,931**	1.5
Fatal	74	0.05	274	0.72	65	0.5	**413**	0.2
Total	**137,300**	**100.0**	**37,654**	**100.0**	**14,478**	**100.0**	**189,432**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Refer to page 17 for definition of injuries.

SEVERITY OF INJURY BY CLASS OF PERSONS INVOLVED — 1981

Class of Victim	Severity of injury					
	None	Minimal	Minor	Major	Fatal	Total
Driver	283,293	29,274	17,527	3,773	657	**334,524**
Passenger	194,202*	18,900	12,900	2,650	393	**229,045**
Pedestrian	178	2,053	3,010	1,281	237	**6,759**
Bicyclist	123	1,679	1,480	329	40	**3,651**
Moped Driver	4	32	22	5	—	**63**
Motorcycle Driver	725	1,487	1,940	876	94	**5,122**
Motorcycle Passenger	188	318	395	173	13	**1,087**
Other	13,071	98	71	48	11	**13,299**
Total	**491,784**	**53,841**	**37,345**	**9,135**	**1,445**	**593,550**

*Includes Bus Passengers

Note: Refer to page 17 for definition of injuries.

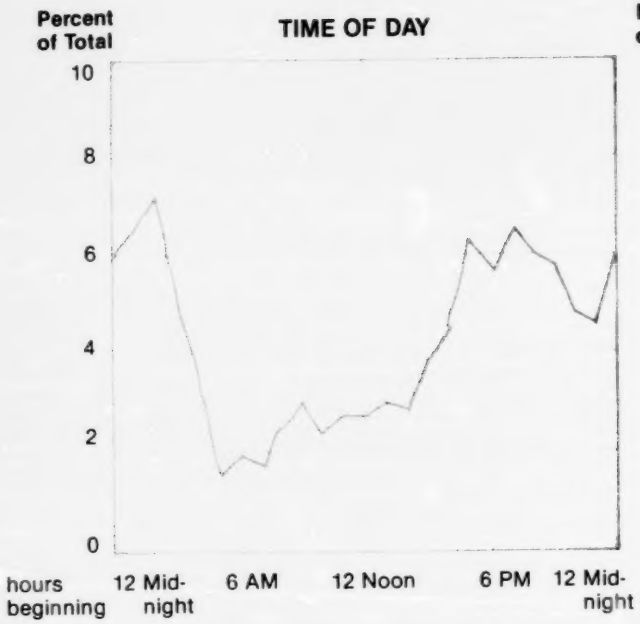
During 1981, 593,550 persons were involved in motor vehicle accidents: .2% (1,445) were killed, 16.9% (100,321) were injured and 82.8% (491,784) were not injured. Out of the 100,321 persons injured, 53.7% (53,841) suffered minimal injuries, 37.2% (37,345) minor injuries and 9.1% (9,135) major injuries.

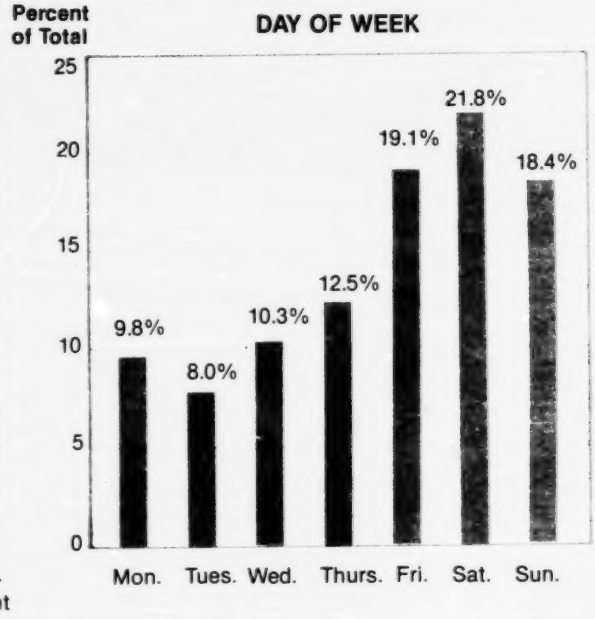
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1980-1981

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1981		
	Licensed — 1981			Involved in Accidents — 1981					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	454	90	544	—	—	—
16	23,408	11,989	35,397	5,000	1,362	6,362	21.4	11.4	18.0
17	53,981	34,687	88,668	8,747	2,431	11,178	16.2	7.0	12.6
18	64,931	44,829	109,760	11,142	2,938	14,080	17.2	6.6	12.8
19	69,945	50,722	120,667	11,621	2,951	14,572	16.6	5.8	12.1
20	72,677	54,643	127,320	11,220	3,109	14,329	15.4	5.7	11.3
21 - 24	295,017	236,807	531,824	37,118	10,753	47,871	12.6	4.5	9.0
25 - 34	707,424	606,168	1,313,592	62,979	22,495	85,474	8.9	3.7	6.5
35 - 44	551,445	439,361	990,806	37,749	14,495	52,244	6.8	3.3	5.3
45 - 54	456,651	315,280	771,931	28,186	8,945	37,131	6.2	2.8	4.8
55 - 64	363,359	241,533	604,892	18,939	5,773	24,712	5.2	2.4	4.1
65 - 74	211,492	120,665	332,157	8,426	2,523	10,949	4.0	2.1	3.3
75 & Over	68,706	27,457	96,163	2,604	645	3,249	3.8	2.3	3.4
Unknown	—	—	—	—	—	16,945	—	—	—
Total	2,939,036	2,184,141	5,123,177	244,185	78,510	339,640	—	—	—

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1980		
	Licensed — 1980			Involved in Accidents — 1980					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	485	107	592	—	—	—
16	20,941	9,877	30,818	5,477	1,399	6,876	26.2	14.2	22.3
17	53,480	33,354	86,834	9,470	2,540	12,010	17.7	7.6	13.8
18	64,096	43,839	107,935	11,820	2,937	14,757	18.4	6.7	13.7
19	69,616	49,874	119,490	12,385	3,129	15,514	17.8	6.3	13.0
20	72,645	53,922	126,567	11,503	3,018	14,521	15.8	5.6	11.5
21 - 24	290,488	230,750	521,238	37,104	10,905	48,009	12.8	4.7	9.2
25 - 34	707,508	593,230	1,300,738	62,056	21,490	83,546	8.8	3.6	6.4
35 - 44	531,200	412,340	943,540	36,617	13,612	50,229	6.9	3.3	5.3
45 - 54	455,744	308,624	764,368	27,552	8,661	36,213	6.0	2.8	4.7
55 - 64	353,144	231,029	584,173	17,738	5,455	23,193	5.0	2.4	4.0
65 - 74	204,514	112,330	316,844	7,931	2,384	10,315	3.9	2.1	3.3
75 & Over	65,947	25,039	90,986	2,484	543	3,027	3.8	2.2	3.3
Unknown	—	—	—	—	—	16,360	—	—	—
Total	2,889,323	2,104,208	4,993,531	242,622	76,180	335,162	—	—	—

Persons Killed by Time of Day and Week 1981





PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	95	6.6	2	6	11	6	18	25	27
01 - 02 "	103	7.1	3	6	13	4	12	38	27
02 - 03 "	71	4.9	—	5	4	3	8	25	26
03 - 04 "	45	3.1	2	2	3	1	8	15	14
04 - 05 "	23	1.6	1	1	—	6	1	8	6
05 - 06 "	27	1.9	—	—	3	1	3	9	11
06 - 07 "	24	1.7	1	4	4	3	3	7	2
07 - 08 "	32	2.2	7	3	8	3	3	6	2
08 - 09 "	44	3.0	5	6	4	11	5	5	8
09 - 10 "	32	2.2	7	6	1	7	2	4	5
10 - 11 "	39	2.7	3	6	7	7	8	5	3
11 - 12 "	39	2.7	4	4	6	6	3	7	9
12 - 01 PM	42	2.9	5	5	8	5	11	4	4
01 - 02 "	40	2.8	7	1	4	5	8	8	7
02 - 03 "	56	3.9	6	8	7	6	8	13	8
03 - 04 "	62	4.3	7	5	8	8	10	8	16
04 - 05 "	89	6.2	15	10	3	8	17	24	12
05 - 06 "	83	5.7	8	6	6	14	12	19	18
06 - 07 "	94	6.5	15	3	10	19	21	14	12
07 - 08 "	87	6.0	6	2	4	19	29	12	15
08 - 09 "	85	5.9	10	7	12	15	18	15	8
09 - 10 "	70	4.8	7	8	8	12	14	12	9
10 - 11 "	67	4.6	10	6	5	2	20	17	7
11 - 12 "	87	6.0	9	5	9	8	33	15	8
Unknown	9	0.6	1	1	1	2	1	1	2
Total	**1445**	**100.0**	**141**	**116**	**149**	**181**	**276**	**316**	**266**

Motor Vehicle Deaths by Month of Occurrence
1972 - 1981

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
January	121	130	94	139	71	74	61	113	108	93
February	89	84	89	85	76	74	73	75	98	86
March	105	122	118	114	86	89	64	97	92	102
April	134	116	101	77	96	82	92	108	86	88
May	155	147	150	136	129	121	111	110	135	137
June	203	183	150	148	147	150	146	155	143	126
July	192	211	191	200	166	165	176	137	182	173
August	195	256	214	203	191	162	164	187	164	158
September	225	207	173	189	144	121	159	153	171	127
October	186	196	170	181	126	141	156	140	112	120
November	172	153	175	169	126	124	132	126	123	126
December	157	154	123	159	153	117	116	159	94	109
Total	1,934	1,959	1,748	1,800	1,511	1,420	1,450	1,560	1,508	1,445

Motor Vehicle Injuries by Month of Occurrence
1972 - 1981

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
January	6,930	6,073	7,088	6,489	6,152	8,629	7,774	7,790	6,098	7,856
February	7,081	6,426	5,909	6,923	5,228	5,886	5,730	6,967	6,756	6,963
March	6,557	6,784	7,047	6,546	5,204	5,856	6,047	6,469	6,804	6,591
April	6,141	7,181	6,487	5,922	5,608	6,653	5,956	6,903	6,918	6,663
May	7,597	8,543	8,302	8,480	6,702	7,885	7,745	8,011	8,323	8,986
June	8,636	9,267	9,553	9,628	7,824	8,416	8,589	9,138	9,309	9,059
July	9,233	9,141	9,761	9,006	8,439	9,478	9,376	9,455	9,674	10,113
August	9,355	9,222	9,750	9,898	8,187	9,020	9,114	9,501	9,932	10,237
September	8,747	9,018	8,709	8,562	7,683	8,997	9,168	9,067	9,385	8,664
October	8,657	9,418	8,458	8,231	7,750	8,342	8,407	9,500	9,555	8,931
November	7,797	7,976	8,821	8,651	6,651	8,616	8,410	9,210	9,205	7,961
December	8,450	8,741	8,788	8,698	8,308	7,886	8,663	9,310	9,408	8,297
Total	95,181	97,790	98,673	97,034	83,736	95,664	94,979	101,321	101,367	100,321

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1981
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	8	9	5	6	5	—	18	15
Dominion Day***	—	—	—	—	—	—	—	—	—
Civic Day	19	10	3	5	8	8	—	23	11
Labour Day	19	9	9	5	13	7	2	21	24
Thanksgiving Day	20	9	6	5	11	8	2	22	19

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1980
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	4	4	3	11	7	1	14	16
Dominion Day**	—	—	—	—	—	—	—	—	—
Civic Day	15	9	9	4	21	4	—	17	30
Labour Day	19	12	7	4	42	6	—	22	49
Thanksgiving Day	24	12	19	10	20	3	1	25	40

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists
**Dominion Day was on Tuesday
***Dominion Day was on Wednesday

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1971-72 — 1980-81

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total			
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.	Fatal	Non Fatal
1971-72	545,046	508	0	9	1	153	1	19	2	181	0.4	33
1972-73	558,549	542	0	9	0	233*	3†	18	3	260	0.6	47
1973-74	592,026	575	1	6	0	364**	0	17	1	387	0.2	65
1974-75	578,817	622	4	19	2	205	0	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	0	10	0	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	0	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	0	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	0	12	1	250	3	48	4	310	0.7	52
1980-81	**598,096**	**847**	**1**	**20**	**0**	**191**	**0**	**18**	**1**	**229**	**0.2**	**38**

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1979-80 — 1980-81

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries
1980-81													
School Bus	3	91	131	502	**727**	1	19	—	164	—	13	**1**	**196**
Van	—	18	25	65	**108**	—	1	—	27	—	5	—	**33**
Station Wagon	—	—	1	2	**3**	—	—	—	—	—	—	—	—
Other Buses	—	—	2	7	**9**	—	—	—	—	—	—	—	—
Total	**3**	**109**	**159**	**576**	**847**	**1**	**20**	**—**	**191**	**—**	**18**	**1**	**229**
1979-80													
School Bus	6	86	142	450	**684**	—	11	—	228	3	46	**3**	**285**
Van	2	14	12	43	**71**	—	1	1	20	—	1	**1**	**22**
Station Wagon	—	3	2	4	**9**	—	—	—	2	—	1	—	**3**
Other Buses	—	—	—	1	**1**	—	—	—	—	—	—	—	—
Total	**8**	**103**	**156**	**498**	**765**	**—**	**12**	**1**	**250**	**3**	**48**	**4**	**310**

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes 3 separate accidents resulting in a total of 56 pupil injuries (27, 17, 12).

** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1972 - 1981

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296
1981	**414**	**524**	**220**	**43**	**21**	**1**	**3**	**3**	**5**	**1,234**

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	67,391
1981	**17,920**	**39,693**	**5,681**	**3,351**	**95**	**95**	**68**	**275**	**114**	**67,292**

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	186,363
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	197,196
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	196,501
1981	**46,347**	**139,439**	**5,904**	**3,451**	**238**	**386**	**184**	**2,109**	**314**	**198,372**

* Includes Moped Driver.

† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1981

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1981				
Type of Vehicle	**In All Accidents**	**In Fatal**	**In Personal Injury**	**In Property Damage**
Passenger Car	279,510	1,251	92,072	186,187
Passenger Car & Trailer	765	7	226	532
Truck	48,957	367	14,538	34,052
Truck & Trailer	784	17	193	574
Tractor & Semi-trailer	5,975	126	1,711	4,138
Motorcycle	5,256	107	4,638	511
Bus	2,598	14	932	1,652
School Bus	955	4	290	661
Other — Or Not Known	14,354	8	2,526	11,820
Non Motor Vehicle	4,988	80	3,978	930
Total	**364,142**	**1,981**	**121,104**	**241,057**

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1981											
Condition	**Passenger Car**	**Passenger Car & Trailer**	**Truck**	**Truck & Trailer**	**Tractor Semi-Trailer**	**Motorcycle**	**Bus**	**School Bus**	**Other Motor Vehicle**	**Non Motor Vehicle**	**Total**
No Apparent Defect	268,746	648	46,186	638	5,308	4,886	2,533	933	981	4,328	**335,187**
Service Brakes Defective	807	1	327	11	83	28	11	3	4	134	**1,409**
Steering Defective	241	—	79	6	14	16	—	1	—	1	**358**
Tire Puncture or Blow Out	818	11	190	13	47	26	1	3	3	2	**1,114**
Tire Tread Insufficient	655	—	160	1	9	20	2	—	—	2	**849**
Headlamps Defective	107	—	27	1	3	24	—	—	2	32	**196**
Other Lamps or Reflectors Defective	288	11	152	7	27	8	—	—	7	43	**543**
Engine Controls Defective	475	2	110	—	18	17	2	—	3	9	**636**
Wheels or Suspension Defective	157	4	85	7	63	15	2	—	6	2	**341**
Vision Obscured	203	1	39	—	6	—	—	4	1	4	**258**
Trailer Hitch Defective	—	52	—	60	37	—	—	—	—	—	**149**
Other Defects	1,266	25	414	26	150	48	7	2	56	118	**2,112**
Not Known	5,747	10	1,188	14	210	168	40	9	13,291	313	**20,990**
Total	**279,510**	**765**	**48,957**	**784**	**5,975**	**5,256**	**2,598**	**955**	**14,354**	**4,988**	**364,142**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1960-1961

CLASS OF DRIVER LICENCE REQUIRED		TYPES OF VEHICLES	1960 FATAL	1960 PERSONAL INJURY	1960 PROPERTY DAMAGE	1960 TOTAL	1961 FATAL	1961 PERSONAL INJURY	1961 PROPERTY DAMAGE	1961 TOTAL
PASSENGER VEHICLES	G	Passenger Car/Station Wagon	1,381	91,159	182,666	275,206	1,234	90,543	183,365	275,142
	G	Taxi/Limousine	5	292	540	837	4	232	416	652
	G	Hearse	0	4	4	8	0	0	3	3
	G	Dune Buggy	2	8	4	14	0	16	11	27
	F	Ambulance	0	44	52	96	0	36	78	114
	G	Fire Department Vehicle	0	11	36	47	2	11	26	39
	G	Police Force Vehicle	2	229	258	489	2	232	254	488
	G	Public Utility Emergency Vehicle	0	0	2	2	0	0	5	5
	G	Passenger Van	16	533	861	1,410	7	903	1,821	2,731
	G	Other Passenger Vehicle	1	46	99	146	2	99	208	309
PASSENGER VEHICLES AND TRAILERS	G	P.V. and House Trailer	0	35	81	116	0	27	61	88
	G	P.V. and Boat Trailer	3	37	103	143	1	30	98	129
	G	P.V. and Tent Trailer	1	24	65	90	0	24	40	64
	G	P.V. and Utility Trailer	0	24	78	102	0	46	82	128
	G	P.V. and Other Trailer	0	114	251	365	2	85	235	322
	G	Other P.V. and Trailer	3	13	58	74	4	14	16	34
	D	Truck with Concrete Mixer	3	30	44	77	1	26	53	80
	D	Truck with Stake or Platform Body	21	355	956	1,332	17	379	974	1,370
	D	Truck with Tank Body	0	88	214	302	4	81	208	293
	D	Truck with Dump Body	16	476	1,053	1,545	19	452	1,096	1,567
	G	Tow Truck	1	96	241	338	0	102	277	379
TRUCKS	D	Tractor not pulling a trailer	4	56	117	177	5	71	156	232
	G	Pick-up Truck	167	8,229	17,908	26,304	196	8,197	18,506	26,899
	G	Delivery van	87	4,467	10,063	14,617	115	4,280	10,324	14,719
	G	Pick-up Camper	2	12	39	53	0	10	30	40
	D	Fire Truck	1	7	15	23	0	2	16	18
	D	Other Truck	10	315	947	1,272	7	499	1,380	1,886
	G	Other Truck	2	275	837	1,114	2	410	982	1,394
	D	Tow Truck	0	31	111	142	1	29	50	80
	G	Pick-up and recreation trailer	0	18	49	67	1	2	18	21
	G	Pick-up and recreation semi-trailer	0	5	6	11	2	9	26	37
	G	Pick-up and other semi-trailer	3	108	256	367	6	88	297	391
	D	Truck/trailer-dump	1	8	28	37	0	11	27	38
TRUCK AND TRAILER	D	Truck/trailer-frame	0	1	3	4	0	3	9	12
	D	Truck/trailer-tank	0	2	4	6	1	1	12	14
	D	Truck/trailer-stake or platform body	0	5	29	34	5	13	35	53
	D	Truck/trailer-van	0	3	26	29	1	11	23	35
	D	Truck and pole trailer	0	0	5	5	0	0	1	1
	G	Tow truck hauling a disabled vehicle	1	8	27	36	0	12	40	52
	D	Other truck/trailer	1	10	16	55	0	7	21	29

	G	Other truck/trailer	1	14	40	55	0	10	19	29
	A	Other truck/trailer	1	16	35	52	1	10	23	34
	D	Tow Truck Hauling a disabled vehicle	2	7	38	47	0	16	23	39
	A	Tractor/semi-trailer-dump	3	59	109	171	5	73	106	184
	A	Tractor/semi-trailer-frame	0	6	12	18	0	9	18	27
	A	Tractor/semi-trailer-tank	3	64	95	162	5	50	124	179
	A	Tractor/semi-trailer-stake or platform	2	60	140	202	3	118	227	348
	A	Tractor/semi-trailer-van	13	377	1,064	1,454	24	345	932	1,301
	A	Tractor/semi-trailer-concrete mixer	0	0	4	4	0	0	6	6
	A	Tractor/semi-trailer float	19	118	196	333	25	56	167	248
	A	Tractor/semi-trailer-car transport	2	31	35	68	6	5	9	14
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-other	79	897	1,990	2,966	49	1,004	2,417	3,470
	A	Tractor/semi-trailer and pup-dump	0	9	18	27	1	2	12	15
	A	Tractor/semi-trailer and pup-frame	0	1	0	1	0	2	1	3
	A	Tractor/semi-trailer and pup-tank	1	5	10	16	0	6	13	19
	A	Tractor/semi-trailer and pup-stake or platform	1	3	4	8	2	3	11	16
	A	Tractor/semi-trailer and pup-van	1	10	13	24	1	4	11	16
	A	Tractor/semi-trailer and pup-other	2	34	58	94	4	13	35	52
	A	Tractor/semi-trailer and semi-trailer-tank	1	0	10	11	1	1	7	9
	A	Tractor/semi-trailer and semi-trailer stake or platform	0	2	4	6	1	2	4	7
	A	Tractor/semi-trailer and semi-trailer-van	0	2	3	5	2	3	6	11
	A	Tractor/semi-trailer and semi-trailer-other	2	13	25	40	3	15	32	50
BUS	C	Transit - Intercity	0	83	139	222	0	97	241	338
	C	Transit - Urban	14	754	1,378	2,146	13	793	1,317	2,123
	F	Coach - Intercity	2	21	40	63	0	18	47	65
	F	Coach - Urban	1	25	37	63	1	24	47	72
SCHOOL VEHICLES	E	School bus or School van-Seating capacity 10-23	0	36	52	88	1	42	61	104
	B	School bus — Seating capacity 24 or over	5	201	471	677	3	202	516	715
	G	School van — Seating capacity under 10	0	7	10	17	0	7	4	11
	G	Station wagon	0	4	2	6	0	1	7	8
	C	Other bus	0	18	44	62	0	38	79	117
OTHER MOTOR VEHICLES	G	Motor home	2	32	98	132	2	35	107	144
	M	Motorcycle	103	3,922	382	4,407	107	4,577	508	5,192
	G	Moped	0	77	5	82	0	61	3	64
	G	Snowmobile	12	90	41	143	4	82	43	129
		Farm Tractor	7	103	181	291	3	84	145	232
		Tractor or construction equipment	1	53	177	231	2	53	167	222
		Train	17	101	122	240	21	99	129	249
		Street car	0	109	291	400	1	117	318	436
NON-MOTOR VEHICLES		Bicycle	36	3,425	62	3,523	47	3,527	77	3,651
		Snow Plow	0	4	12	16	0	2	13	15
		Go-cart	0	3	0	3	0	2	0	2
		Horse and buggy	0	7	5	12	1	6	4	11
		Other	0	8	28	36	1	6	34	41
		Unknown	9	2,230	11,132	13,371	6	2,491	11,713	14,210
		Total	**2,075**	**120,219**	**236,764**	**359,058**	**1,981**	**121,104**	**241,057**	**364,142**

Motor Vehicle Accidents by Place of Occurrence
1972 — 1981

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296
1981	**422**	**91**	**432**	**289**	**1,234**

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	**43,731**	**4,604**	**8,648**	**10,309**	**67,292**

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501
1981	**135,325**	**13,764**	**21,801**	**27,482**	**198,372**

*Includes Secondary Highways.
**Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

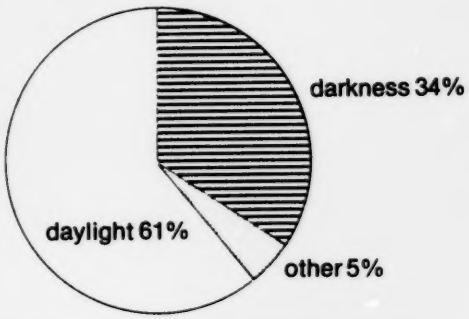
Type of Accidents — 1981

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1981			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle	524	39,693	99,222	139,439
Pedestrian	220	5,681	3	5,904
Cyclist	43	3,351	57	3,451
Railway Train	21	95	122	238
Street Car	1	95	290	386
Farm Tractor	3	68	113	184
Animal	3	275	1,831	2,109
Other Moveable Object	5	114	195	314
Restraining Barrier	35	1,432	4,428	5,895
Rigid Pole	41	2,205	3,980	6,226
Breakaway Pole	9	538	1,228	1,775
Tree	56	1,436	1,794	3,286
Post	27	749	1,955	2,731
Fence	13	456	1,292	1,761
Culvert	17	473	367	857
Bridge Support	5	200	276	481
Rock Face	17	463	557	1,037
Snow Bank or Drift	5	202	420	627
Ditch	79	4,179	4,074	8,332
Curb	24	1,040	1,514	2,578
Crash Cushion	0	37	85	122
Building or Wall	1	212	521	734
Other Fixed Object	31	1,048	2,174	3,253
Fire/Explosion	0	28	600	628
Submersion	1	7	9	17
Rollover	45	1,798	1,162	3,005
Other Non-Collision Event	8	1,417	1,577	3,002
Total	1,234	67,292	129,846	198,372

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1980			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle	521	39,296	96,937	136,754
Pedestrian	247	5,822	3	6,072
Cyclist	30	3,284	41	3,355
Railway Train	17	93	118	228
Street Car	0	89	263	352
Farm Tractor	5	82	156	243
Animal	4	230	1,527	1,761
Other Moveable Object	9	113	197	319
Restraining Barrier	38	1,371	4,227	5,636
Rigid Pole	47	2,536	4,223	6,806
Breakaway Pole	11	486	1,150	1,647
Tree	64	1,547	2,075	3,686
Post	20	807	2,085	2,912
Fence	12	506	1,450	1,968
Culvert	23	511	424	958
Bridge Support	14	243	325	582
Rock Face	22	557	600	1,179
Snow Bank or Drift	1	134	289	424
Ditch	89	4,294	4,214	8,597
Curb	20	966	1,515	2,501
Crash Cushion	1	29	48	78
Building or Wall	2	273	588	863
Other Fixed Object	32	1,030	2,246	3,308
Fire/Explosion	0	22	577	599
Submersion	5	16	25	46
Rollover	43	1,737	1,086	2,866
Other Non-Collision Event	19	1,317	1,425	2,761
Total				

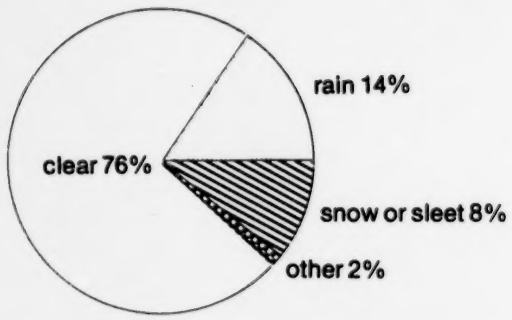
All Accidents — 1981 — Light Condition, Visibility and Road Location

Light Condition



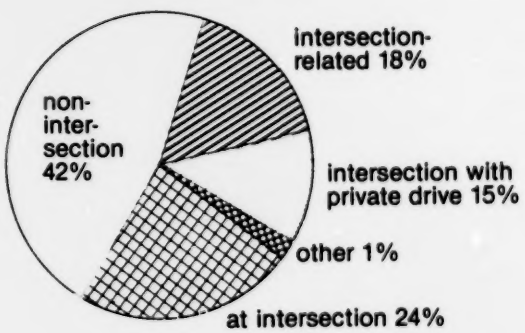
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	121,894	533	40,732	80,629
Dawn	2,528	15	810	1,703
Dusk	6,860	43	2,374	4,443
Darkness	67,090	643	23,376	43,071
Total	198,372	1,234	67,292	129,846

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	151,541	1,034	52,428	98,079
Rain	28,388	99	9,701	18,588
Snow or Sleet	15,604	66	4,108	11,430
Fog, Mist, Smoke, or Dust	2,839	35	1,055	1,749
Total	198,372	1,234	67,292	129,846

Road Location



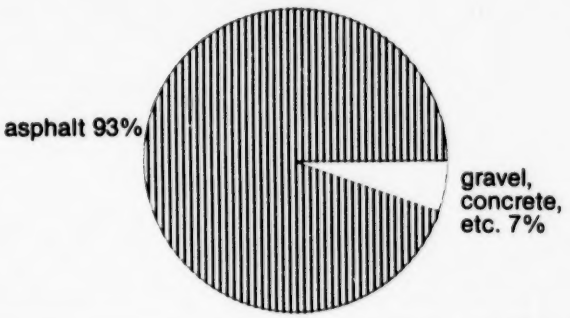
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	82,697	787	28,176	53,734
Intersection-Related	35,956	87	12,236	23,633
At Intersection	47,417	198	17,667	29,552
Intersection with Private Drive	29,000	117	8,012	20,871
At Railroad Crossing	711	20	263	428
Underpass or Tunnel	370	5	133	232
Overpass or Bridge	1,887	18	701	1,168
Other	334	2	104	228
Total	198,372	1,234	67,292	129,846

All Accidents — 1981 — Road Condition, Road Type and Road Surface Condition

Road Condition

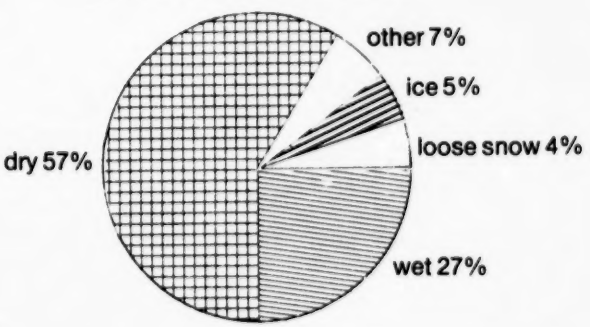
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	193,635	1,206	65,725	126,704
Under Repair	985	2	326	657
Under Const.	1,783	17	594	1,172
Other	1,969	9	647	1,313
Total	**198,372**	**1,234**	**67,292**	**129,846**

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	185,306	1,144	62,621	121,541
Gravel or Crushed Stone	7,979	61	2,973	4,945
Concrete	4,117	22	1,386	2,709
Earth	630	3	202	425
Other	340	4	110	226
Total	**198,372**	**1,234**	**67,292**	**129,846**

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	113,354	893	41,207	71,254
Wet	54,245	224	18,297	35,724
Loose Snow	7,995	27	1,889	6,079
Slush	5,621	20	1,465	4,136
Packed Snow	6,377	20	1,444	4,913
Ice	9,287	42	2,394	6,851
Mud	136	—	31	105
Loose Sand or Gravel	1,357	8	565	784
Total	**198,372**	**1,234**	**67,292**	**129,846**

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1981

Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1981

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	4,184	46	1,378	2,760	56	2,143
Brant	2,334	18	779	1,537	26	1,178
Bruce	1,154	16	389	749	17	637
Cochrane	2,180	15	661	1,504	17	994
Dufferin	313	6	95	212	11	147
Dundas	711	8	267	436	9	420
Durham	5,975	44	2,200	3731	54	3,501
Elgin	1,166	15	405	746	17	665
Essex	6,808	41	2,551	4,216	48	3,866
Frontenac	2,349	11	805	1,533	14	1,185
Glengarry	496	10	177	309	10	276
Grenville	475	9	167	299	15	263
Grey	1,489	12	529	948	12	836
Haldimand-Norfolk	1,734	18	650	1,066	22	1,024
Haliburton	372	3	133	236	3	209
Halton	5,936	35	2,156	3,745	45	3,254
Hamilton-Wentworth	9,874	46	3,831	5,997	51	5,673
Hastings	2,350	24	779	1,547	30	1,189
Huron	1,063	11	370	682	15	595
Kenora	1,447	25	436	986	27	695
Kent	2,187	23	786	1,378	28	1,147
Lambton	2,862	25	950	1,887	29	1,428
Lanark	966	10	349	607	15	516
Leeds	1,191	15	438	738	19	689
Lennox & Addington	600	9	221	370	10	357
Manitoulin	288	8	104	176	9	179
Middlesex	7,155	42	2,652	4,461	51	3,883
Muskoka	1,138	14	386	738	21	604
Niagara	8,965	57	3,004	5,904	60	4,394
Nipissing	1,851	13	684	1,154	15	1,043
Northumberland	1,347	18	543	786	22	916
Ottawa-Carleton	12,924	53	3,451	9,420	58	4,791
Oxford	1,749	21	560	1,168	24	882
Parry Sound	981	25	351	605	30	571
Peel	10,904	61	3,655	7,188	70	5,603
Perth	1,313	14	437	862	22	683
Peterborough	2,275	20	832	1,423	27	1,322
Prescott	611	5	196	410	7	282
Prince Edward	360	5	120	235	6	178
Rainy River	640	2	163	475	2	251
Renfrew	1,646	22	604	1,020	29	995
Russell	292	3	112	177	3	165
Simcoe	4,944	45	1,725	3,174	58	2,801
Stormont	1,395	6	500	889	8	738
Sudbury	3,952	45	1,407	2,500	49	2,152
Thunder Bay	4,580	30	1,315	3,235	33	1,964
Timiskaming	1,012	13	318	681	16	518
Victoria	1,054	11	386	657	11	633
Waterloo	6,415	28	2,044	4,343	31	3,019
Wellington	2,538	23	915	1,600	28	1,396
*York	57,827	155	19,326	38,346	155	27,471
Total	**198,372**	**1,234**	**67,292**	**129,846**	**1,445**	**100,321**

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1981

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	1	0	0	1	0	0
Ajax	323	1	118	204	1	195
Alexandria	106	1	33	72	1	42
Alfred	2	0	0	2	0	0
Alliston	69	0	25	44	0	29
Almonte	19	0	5	14	0	6
Alvinston	5	0	0	5	0	0
Amherstburg	83	1	23	59	1	39
Ancaster	192	1	83	108	1	124
Angus	14	0	3	11	0	6
Apple Hill	1	0	0	1	0	0
Arkona	4	0	3	1	0	4
Arnprior	61	0	12	49	0	15
Arthur	21	0	5	16	0	7
Athens	5	0	3	2	0	3
Atikokan	16	0	2	14	0	2
Aurora	312	0	106	206	0	156
Aylmer	88	0	20	68	0	28
Ayton	2	0	0	2	0	0
Balmertown	4	0	1	3	0	2
Bancroft	55	0	13	42	0	17
Barrie	885	2	231	652	2	331
Barrys Bay	12	0	2	10	0	3
Bath	6	0	0	6	0	0
Bayfield	2	0	1	1	0	1
Beachburg	2	0	0	2	0	0
Beeton	7	0	1	6	0	1
Belwood	1	0	0	1	0	0
Belle River	33	0	14	19	0	19
Belleville	746	3	213	530	5	301
Belmont	5	0	2	3	0	2
Blenheim	38	0	17	21	0	24
Blind River	77	0	20	57	0	26
Bloomfield	6	0	2	4	0	2
Blyth	9	0	0	9	0	0
Bobcaygeon	19	0	5	14	0	5
Bothwell	9	0	2	7	0	2
Bourget	1	0	0	1	0	0
Bracebridge	84	0	23	61	0	35
Bradford	113	0	28	85	0	37
Braeside	4	0	2	2	0	3
Brampton	2,443	20	829	1,594	28	1,301
Brantford	1,531	3	482	1,046	4	659
Brighton	25	1	11	13	1	16
Brockville	437	1	126	310	2	176
Bruce Mines	6	0	2	4	0	5
Brussels	10	0	3	7	0	3
Burk's Falls	3	0	2	1	0	2
Burlington	1,899	5	674	1,220	10	982
Cache Bay	3	0	1	2	0	1
Caledon	612	6	245	361	7	395

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,424	4	458	962	4	653
Campbellford	26	0	4	22	0	6
Capreol	25	0	5	20	0	7
Cardinal	14	0	5	9	0	8
Carleton Place	109	0	40	69	0	54
Casselman	14	0	7	7	0	7
Chalk River	7	0	3	4	0	3
Chatham	852	2	245	605	3	326
Chatsworth	1	0	0	1	0	0
Chesley	11	0	1	10	0	1
Chesterville	25	0	2	23	0	2
Chute a Blondeau	1	0	0	1	0	0
Clarksburg	3	1	0	2	1	1
Clifford	10	0	2	8	0	2
Clinton	58	1	12	45	1	15
Cobalt	29	1	5	23	1	8
Cobden	4	0	1	3	0	1
Cobourg	204	0	72	132	0	99
Cochrane	80	0	23	57	0	36
Coboconk	1	0	0	1	0	0
Colborne	21	0	3	18	0	4
Coldwater	3	0	1	2	0	1
Collingwood	204	3	69	132	3	96
Comber	2	0	1	1	0	1
Cookstown	16	0	2	14	0	2
Cornwall	1,079	4	376	699	5	549
Creemore	7	0	1	6	0	1
Dashwood	1	0	0	1	0	0
Deep River	17	0	8	9	0	11
Deseronto	18	0	4	14	0	4
Dorchester	1	0	0	1	0	0
Drayton	6	0	2	4	0	3
Dresden	38	0	14	24	0	19
Dryden	168	2	32	134	2	48
Dundalk	10	0	3	7	0	3
Dundas	296	0	93	203	0	127
Dunnville	172	2	55	115	3	78
Durham	53	0	20	33	0	24
Ear Falls	5	0	0	5	0	0
East Gwillimbury	35	2	14	19	2	23
Eganville	15	1	1	13	1	2
Elliot Lake	354	0	93	261	0	130
Elmvale	17	1	5	11	1	6
Elora	35	0	7	28	0	12
Embrun	8	0	2	6	0	2
Englehart	14	0	4	10	0	4
Erieau	8	0	1	7	0	1
Erin	20	0	6	14	0	10
Espanola	68	0	18	50	0	21
Essex	79	0	17	62	0	22
Exeter	56	0	21	35	0	25

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fenelon Falls	36	0	10	26	0	15
Fergus	93	0	23	70	0	31
Finch	2	0	1	1	0	1
Flesherton	11	0	2	9	0	2
Forest	35	0	13	22	0	20
Fort Erie	539	5	173	361	5	261
Fort Frances	208	0	51	157	0	75
Frankford	17	1	8	8	1	9
Gananoque	76	0	21	55	0	34
Geraldton	39	0	10	29	0	13
Glencoe	23	0	3	20	0	5
Gloucester	571	5	187	379	5	258
Goderich	139	0	36	103	0	43
Gore Bay	2	0	1	1	0	1
Grand Bend	31	0	11	20	0	22
Grand Valley	7	0	3	4	0	3
Gravenhurst	72	0	19	53	0	27
Grimsby	242	4	81	157	4	126
Guelph	1,113	4	405	704	4	555
Haldimand	93	1	30	62	1	42
Haileybury	54	1	15	38	1	21
Halton Hills	729	4	254	471	5	370
Hamilton	6,952	22	2,708	4,222	24	3,862
Hanover	133	0	35	98	0	48
Harriston	22	1	7	14	1	8
Harrow	38	0	9	29	0	10
Hastings	1	0	0	1	0	0
Havelock	9	0	2	7	0	2
Hawkesbury	198	0	41	157	0	58
Hearst	70	1	21	48	1	28
Hensall	8	0	3	5	0	4
Hepworth	1	0	0	1	0	0
Hillsburgh	2	0	0	2	0	0
Holstein	2	0	2	0	0	2
Huntsville	87	0	21	66	0	24
Ingersoll	145	0	38	107	0	45
Inwood	1	0	1	0	0	2
Iron Bridge	3	0	1	2	0	1
Iroquois	1	0	0	1	0	0
Iroquois Falls	73	0	21	52	0	23
Kanata	142	0	41	101	0	57
Kapuskasing	158	1	41	116	1	53
Keewatin	24	1	3	20	1	3
Kemptville	26	0	2	24	0	2
Kenora	194	2	63	129	2	94
Killaloe Station	5	0	0	5	0	0
Kincardine	57	0	15	42	0	19
Kingston	1,235	2	382	851	2	527
Kingsville	50	0	15	35	0	19
Kirkland Lake	231	1	56	174	1	73
Kitchener	2,584	7	825	1,752	7	1,214

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lakefield	35	0	20	15	0	32
Lanark	2	0	0	2	0	0
Lancaster	2	0	0	2	0	0
Latchford	3	0	0	3	0	0
Leamington	250	1	61	188	2	86
Lincoln	217	3	84	130	3	128
Lindsay	250	0	87	163	0	127
Listowel	96	0	28	68	0	34
Little Current	12	0	3	9	0	5
London	5,371	9	1,931	3,431	10	2,706
Lorignal	12	0	4	8	0	4
Lucan	24	0	6	18	0	8
Lucknow	9	0	3	6	0	7
Lyn	1	0	0	1	0	0
Madoc	8	0	1	7	0	3
Magnetawan	1	0	0	1	0	0
Markdale	20	0	6	14	0	12
Markham	857	7	277	573	8	400
Marmora	14	0	3	11	0	9
Massey	4	0	1	3	0	1
Mattawa	17	1	6	10	1	7
Maxville	6	0	2	4	0	2
Meaford	49	0	10	39	0	11
Merlin	3	0	2	1	0	2
Merrickville	7	0	2	5	0	2
Midland	205	0	81	124	0	135
Mildmay	5	0	1	4	0	1
Millbrook	2	0	1	1	0	1
Milton	638	5	251	382	6	382
Milverton	13	0	3	10	0	5
Mississauga	5,661	17	1,775	3,869	17	2,588
Mitchell	54	1	11	42	1	16
Moorefield	2	0	1	1	0	1
Morrisburg	24	0	5	19	0	5
Mount Brydges	2	0	0	2	0	0
Mount Forest	47	0	11	36	0	14
Nanticoke	224	4	85	135	4	134
Napanee	96	1	36	59	1	48
Nepean	903	1	253	649	1	371
Neustadt	5	0	2	3	0	4
Newburgh	3	0	0	3	0	0
Newbury	3	1	1	1	1	2
Newcastle	477	3	173	301	3	258
New Liskeard	86	0	19	67	0	26
Newmarket	340	1	114	225	1	170
Niagara-on-the-Lake	208	4	91	113	4	138
Niagara Falls	1,692	8	574	1,110	9	852
Nickel Centre	97	1	41	55	1	53
North Bay	827	4	283	540	4	394
Norwood	9	0	2	7	0	2
Oakville	1,408	8	493	907	9	714

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oil Springs	5	0	2	3	0	2
Omemee	12	0	2	10	0	3
Onaping Falls	27	1	10	16	1	15
Orangeville	239	0	76	163	0	107
Orillia	371	0	124	247	0	194
Oshawa	2,196	5	781	1,408	7	1,171
Ottawa	8,062	12	2,054	5,996	12	2,714
Owen Sound	274	0	93	181	0	119
Paisley	6	0	0	6	0	0
Palmerston	17	0	3	14	0	7
Paris	105	1	29	75	1	43
Parkhill	13	0	3	10	0	7
Parry Sound	76	0	23	53	0	29
Pelham	134	0	43	91	0	58
Pembroke	254	0	72	182	0	109
Penetanguishene	77	1	21	55	1	26
Perth	134	0	42	92	0	57
Petawawa	27	0	10	17	0	12
Peterborough	1,283	2	420	861	2	610
Petrolia	48	0	17	31	0	24
Pickering	553	4	207	342	5	304
Picton	93	2	15	76	2	28
Plantagenet	6	0	0	6	0	0
Point Edward	55	0	22	33	0	36
Port Burwell	5	0	0	5	0	0
Port Colborne	383	2	102	279	2	140
Port Elgin	104	2	30	72	2	45
Port Hope	82	0	32	50	0	47
Port McNicoll	11	0	3	8	0	6
Port Stanley	23	0	3	20	0	5
Powassan	4	0	1	3	0	1
Prescott	80	0	15	65	0	25
Rainy River	10	0	4	6	0	7
Rayside-Balfour	83	2	30	51	2	43
Renfrew	142	0	55	87	0	73
Richmond Hill	501	2	161	338	2	237
Ridgetown	24	0	2	22	0	2
Ripley	3	0	0	3	0	0
Rockcliffe Park	29	0	6	23	0	10
Rockland	34	0	10	24	0	13
Rockwood	8	1	0	7	1	0
Rodney	9	1	2	6	1	4
Rosseau	4	0	0	4	0	0
Russell	3	0	1	2	0	1
St. Catharines	2,531	6	839	1,686	6	1,136
St. Clair Beach	17	1	8	8	1	14
St. Isidore de Prescott	2	0	1	1	0	1
St. Marys	67	0	19	48	0	24
St. Thomas	401	1	141	259	1	215
Sarnia	1,317	2	378	937	2	538
Sault Ste. Marie	2,479	14	789	1,676	17	1,146

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Seaforth	28	0	5	23	0	5
Shedden	1	0	1	0	0	1
Shelburne	30	0	9	21	0	11
Simcoe	273	1	88	184	1	127
Sioux Lookout	46	0	4	42	0	6
Smiths Falls	188	0	39	149	0	52
Smooth Rock Falls	18	0	5	13	0	5
Southampton	50	0	19	31	0	30
South River	3	0	0	3	0	0
Springfield	2	0	0	2	0	0
Stayner	23	0	4	19	0	4
Stirling	16	0	3	13	0	4
Stoney Creek	601	2	248	351	2	367
Stoney Point	2	0	0	2	0	0
Stratford	524	1	142	381	1	188
Strathroy	133	0	42	91	0	65
Sturgeon Falls	103	0	32	71	0	44
Sudbury	2,222	10	736	1,476	12	1,077
Sundridge	10	0	5	5	0	8
Tara	2	0	0	2	0	0
Tecumseh	71	0	22	49	0	26
Teeswater	8	0	2	6	0	5
Thamesville	13	0	4	9	0	4
Thedford	8	1	1	6	2	1
Thessalon	17	0	3	14	0	3
Thornbury	20	0	4	16	0	4
Thorold	234	2	75	157	2	101
Thunder Bay	2,900	11	731	2,158	11	1,037
Tilbury	60	0	17	43	0	19
Tillsonburg	185	0	60	125	0	91
Timmins	935	1	246	688	1	350
Tiverton	1	0	0	1	0	0
Toronto	46,478	90	15,367	31,021	93	21,214
Tottenham	21	1	8	12	1	12
Trenton	329	2	93	234	2	131
Tweed	14	0	1	13	0	1
Valley East	190	4	92	94	4	144
Vanier	568	3	145	420	3	188
Vankleek Hill	20	0	4	16	0	7
Vaughan	633	4	220	409	4	333
Victoria Harbour	11	0	4	7	0	5
Walden	68	2	27	39	2	36
Waldemar	1	0	0	1	0	0
Walkerton	70	0	19	51	0	22
Wallaceburg	193	2	63	128	2	91
Wardsville	1	0	0	1	0	0
Warkworth	11	0	2	9	0	5
Wasaga Beach	104	0	49	55	0	82
Waterloo	980	2	281	697	2	389
Watford	15	0	2	13	0	4
Webbwood	2	0	0	2	0	0

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Welland	1,090	4	327	759	6	453
Wellington	10	0	2	8	0	2
West Lorne	11	0	1	10	0	1
Westport	12	0	4	8	0	9
Wheatley	17	0	3	14	0	3
Whitby	699	7	263	429	7	403
Whitchurch-Stouffville	101	1	37	63	1	63
Wiarton	28	0	9	19	0	15
Winchester	5	1	2	2	1	3
Winchester Springs	14	0	4	10	0	6
Windsor	4,553	13	1,610	2,930	13	2,375
Wingham	53	0	11	42	0	19
Woodstock	535	3	150	382	5	212
Woodville	2	0	1	1	0	3
Wyoming	13	0	5	8	0	5
Zurich	9	0	3	6	0	3
Total	**141,037**	**442**	**45,762**	**94,825**	**488**	**64,749**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Accidents

Ontario 1981

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	46,347	414	17,920	28,013
or Motor Vehicle And Other Motor Vehicle/s	139,439	524	39,693	99,222
Pedestrian	5,904	220	5,681	3
Cyclist	3,451	43	3,351	57
Railroad Train	238	21	95	122
Street Car	386	1	95	290
Farm Tractor	184	3	68	113
Animal	2,109	3	275	1,831
Other	314	5	114	195
Total	198,372	1,234	67,292	129,846
Month of Occurrence				
January	19,452	82	5,274	14,096
February	16,905	72	4,808	12,025
March	13,761	85	4,375	9,301
April	12,817	77	4,583	8,157
May	15,928	111	6,037	9,780
June	15,818	115	6,135	9,568
July	16,655	139	6,699	9,817
August	16,668	136	6,557	9,975
September	16,058	105	5,811	10,142
October	18,140	110	6,119	11,911
November	16,679	107	5,324	11,248
December	19,491	95	5,570	13,826
Total	198,372	1,234	67,292	129,846
Day of Occurrence				
Sunday	22,375	217	8,317	13,841
Monday	25,380	128	8,431	16,821
Tuesday	26,951	109	8,782	18,060
Wednesday	25,346	129	8,275	16,942
Thursday	29,732	160	9,803	19,769
Friday	35,930	240	12,091	23,599
Saturday	32,658	251	11,593	20,814
Total	198,372	1,234	67,292	129,846
Hour of Occurrence				
12 to 1 A.M.	5,837	71	2,210	3,556
1 to 2 "	7,890	93	3,054	4,743
2 to 3 "	4,724	63	1,814	2,847
3 to 4 "	2,693	40	1,002	1,651
4 to 5 "	1,768	19	682	1,067
5 to 6 "	1,426	19	519	888
6 to 7 "	3,236	20	1,101	2,115
7 to 8 "	7,356	27	2,272	5,057
8 to 9 "	9,895	41	2,943	6,911
9 to 10 "	6,754	27	1,915	4,812
10 to 11 "	7,412	33	2,232	5,142
11 to 12 "	8,674	33	2,698	5,943
12 to 1 P.M.	10,276	36	3,398	6,842
1 to 2 "	10,380	38	3,401	6,941
2 to 3 "	10,955	49	3,546	7,360
3 to 4 "	14,686	51	5,053	9,582
4 to 5 "	16,943	73	5,812	11,058
5 to 6 "	14,482	67	5,039	9,376
6 to 7 "	10,772	80	3,895	6,797
7 to 8 "	10,049	71	3,695	6,283
8 to 9 "	8,491	78	3,034	5,379
9 to 10 "	7,367	65	2,697	4,605
10 to 11 "	6,843	55	2,463	4,325
11 to 12 "	7,042	78	2,531	4,433
Not Known	2,421	7	286	2,128
Total	198,372	1,234	67,292	129,846

*Based on initial impact.

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	121,894	533	40,732	80,629
Dawn	2,528	15	810	1,703
Dusk	6,860	43	2,374	4,443
Darkness	67,090	643	23,376	43,071
Total	198,372	1,234	67,292	129,846
Road Surface Condition				
Dry	113,354	893	41,207	71,254
Wet	54,245	224	18,297	35,724
Loose Snow	7,995	27	1,889	6,079
Slush	5,621	20	1,465	4,136
Packed Snow	6,377	20	1,444	4,913
Ice	9,287	42	2,394	6,851
Mud	136	—	31	105
Loose Sand or Gravel	1,357	8	565	784
Total	198,372	1,234	67,292	129,846
Road Condition				
Good	193,635	1,206	65,725	126,704
Under Repair	985	2	326	657
Under Construction	1,783	17	594	1,172
Other	1,969	9	647	1,313
Total	198,372	1,234	67,292	129,846
Road Type				
Asphalt	185,306	1,144	62,621	121,541
Gravel or Crushed Stone	7,979	61	2,973	4,945
Concrete	4,117	22	1,386	2,709
Earth	630	3	202	425
Other	340	4	110	226
Total	198,372	1,234	67,292	129,846
Visibility				
Clear	151,541	1,034	52,428	98,079
Rain	28,388	99	9,701	18,588
Snow or Sleet	15,604	66	4,108	11,430
Fog, Mist, Smoke or Dust	2,839	35	1,055	1,749
Total	198,372	1,234	67,292	129,846
Place of Occurrence				
Urban Area	135,325	422	43,731	91,172
Kings Highway (Incl. Sec. Hwy.)	35,565	523	13,252	21,790
Other	27,482	289	10,309	16,884
Total	198,372	1,234	67,292	129,846
Road Location				
Non-Intersection	82,697	787	28,176	53,734
Intersection-Related	35,956	87	12,236	23,633
At Intersection	47,417	198	17,667	29,552
Intersection with Private Drive	29,000	117	8,012	20,871
At Railroad Crossing	711	20	263	428
Underpass or Tunnel	370	5	133	232
Overpass or Bridge	1,887	18	701	1,168
Other	334	2	104	228
Total	198,372	1,234	67,292	129,846

Summary of Motor Vehicle Traffic Accident Statistics
Number of Drivers and Pedestrians

Ontario 1981

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	244,356	1,586	83,442	159,328
Female	78,572	270	28,102	50,200
Not Known	16,712	9	2,841	13,862
Total	339,640	1,865	114,385	223,390
Age of Driver				
Under 16	544	5	242	297
16-19 Years	46,192	238	16,082	29,872
20-24 "	62,200	419	21,874	39,907
25-34 "	85,474	514	29,641	55,319
35-44 "	52,244	271	18,055	33,918
45-54 "	37,131	177	12,670	24,284
55-64 "	24,712	137	8,236	16,339
65 & Over	14,198	94	4,663	9,441
Not Known	16,945	10	2,922	14,013
Total	339,640	1,865	114,385	223,390
Licence of Driver				
Licensed	305,135	1,648	104,974	198,513
Unlicensed	6,545	105	2,751	3,689
Not Known	27,960	112	6,660	21,188
Total	339,640	1,865	114,385	223,390
Residence of Driver				
Alberta	412	6	149	257
British Columbia	220	2	68	150
Manitoba	307	5	114	188
New Brunswick	137	2	47	88
Newfoundland	79	1	22	56
Nova Scotia	128	1	55	72
Ontario	315,769	1,791	109,131	204,847
Prince Edward Island	22	—	9	13
Quebec	2,370	23	665	1,682
Saskatchewan	89	2	24	63
Yukon and Northwest Territories	7	—	3	4
United States	2,789	19	1,038	1,732
Other Foreign	375	4	128	243
Not Known	16,936	9	2,932	13,995
Total	339,640	1,865	114,385	223,390
Condition of Driver				
Normal	281,293	1,039	93,482	186,772
Had Been Drinking	19,326	201	9,221	9,904
Ability Impaired Alcohol	10,313	396	4,583	5,334
Ability Impaired Drugs	241	1	113	127
Fatique	1,259	9	588	662
Medical or Physical Defect	585	7	313	265
Not Known	26,255	210	5,954	20,091
Other	368	2	131	235
Total	339,640	1,865	114,385	223,390
Apparent Driver Action				
Driving Properly	145,220	725	51,057	93,438
Following Too Close	17,231	9	6,345	10,787
Speed Too Fast	28,336	353	11,608	16,375
Improper Turn	12,723	20	3,170	9,533
Disobey Traffic Signal	6,478	22	2,702	3,754
Disobey Stop Sign	4,437	49	1,964	2,424
Fail To Yield Right-Of-Way	37,267	167	10,685	26,415
Improper Passing	5,273	43	1,347	3,883
Lost Control	24,549	132	8,878	15,539
Wrong Way On One-Way Road	316	7	114	195
Disobey Other Controls	180	7	67	106
Not Known	30,455	181	7,217	23,057
Other	27,175	150	9,141	17,884
Total	339,640	1,865	114,385	223,390

	Killed	Injured
Condition of Pedestrian		
Normal	123	5,099
Had Been Drinking	21	426
Ability Impaired Alcohol	33	138
Ability Impaired Drugs	—	10
Fatigue	—	9
Medical or Physical Defect	7	92
Not Known	50	500
Other	3	70
Total	237	6,344
Pedestrian Action		
Crossing Intersection With Right of Way	15	1,115
Crossing Intersection Without Right of Way	8	448
Crossing Intersection, No Traffic Control	9	147
Crossing Pedestrian Crossover	4	214
Walking on Roadway With Traffic	29	182
Walking on Roadway Against Traffic	8	102
On Sidewalk or Shoulder	10	470
Coming From Behind Parked Vehicle or Object	11	424
Playing or Working on Highway	2	128
Running into Roadway	42	1,362
Crossing Through Traffic	54	873
Other	45	879
Total	237	6,344

Summary of Motor Vehicle Traffic Accident Statistics
Number of Victims

Ontario 1981

Type of Accident		Age of Persons Killed											Age of Persons Injured										
		Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle		480	3	9	109	140	102	51	26	24	16	—	25,099	288	874	7,044	5,946	5,405	2,366	1,457	991	601	127
Collision With Motor Vehicle And	Other Motor Veh's	654	16	18	79	134	137	65	64	71	70	—	64,759	1,302	3,209	9,621	11,601	14,750	9,112	6,932	4,700	3,176	356
	Pedestrian	223	15	28	16	12	21	18	19	24	68	2	6,058	369	1,763	792	545	691	391	414	398	612	83
	Cyclist	43	—	22	8	1	7	—	1	1	2	1	3,485	44	1,307	763	386	316	91	72	37	43	426
	Railroad Train	32	1	3	5	1	9	5	4	3	1	—	131	1	6	19	29	30	19	14	5	7	1
	Street Car	1	—	—	—	—	—	1	—	—	—	—	141	3	2	6	15	42	34	27	8	3	1
	Farm Tractor	3	—	—	—	1	—	—	—	1	1	—	115	—	6	27	21	17	16	10	9	9	—
	Animal	3	—	—	2	—	—	—	—	—	1	—	383	2	22	70	77	104	54	32	16	6	—
	Other	6	—	—	2	1	1	—	—	—	2	—	150	1	19	44	31	23	8	13	6	3	2
Total		1,445	35	80	221	290	277	140	114	124	161	3	100,321	2,010	7,208	18,386	18,651	21,378	12,091	8,971	6,170	4,460	996

Victim	Victims, By Class and Age Group — Killed											Victims, By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	657	—	—	82	149	162	89	66	59	50	—	50,574	2	40	7,232	9,997	13,639	8,254	5,757	3,597	2,004	52
Passenger	393	20	28	90	84	47	29	25	36	34	—	34,450	1,595	3,910	7,735	5,875	5,451	3,041	2,593	2,073	1,783	394
Pedestrian	237	15	29	16	13	24	19	20	27	72	2	6,344	370	1,812	828	566	767	431	444	420	622	84
Bicyclist	40	—	19	8	1	7	—	1	1	2	1	3,488	33	1,309	772	385	316	89	71	34	39	440
Motorcycle Driver	94	—	—	18	36	35	2	2	1	—	—	*4,361	—	47	1,368	1,530	1,038	227	89	38	8	16
Motorcycle Passenger	13	—	1	6	5	1	—	—	—	—	—	**887	2	46	395	258	138	36	4	1	1	6
Other	11	—	3	1	2	1	1	—	—	3	—	217	8	44	56	40	29	13	13	7	3	4
Total	1,445	35	80	221	290	277	140	114	124	161	3	100,321	2,010	7,208	18,386	18,651	21,378	12,091	8,971	6,170	4,460	996

	Victims, By Age Group and Sex — Killed											Victims, By Age Group and Sex — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	1,055	21	47	177	232	218	105	78	88	87	2	59,243	1,098	4,098	11,570	12,104	12,857	6,643	4,898	3,231	2,084	660
Female	390	14	33	44	58	59	35	36	36	74	1	41,078	912	3,110	6,816	6,547	8,521	5,448	4,073	2,939	2,376	336
Total	1,445	35	80	221	290	277	140	114	124	161	3	100,321	2,010	7,208	18,386	18,651	21,378	12,091	8,971	6,170	4,460	996

Killed	Victims By Class and Sex							
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger**	Other
Male	1,055	528	232	152	30	93	11	9
Female	390	129	161	85	10	1	2	2
Total	1,445	657	393	237	40	94	13	11
Injured								
Male	59,243	34,213	13,977	3,544	2,663	4,247	434	165
Female	41,078	16,361	20,473	2,800	825	114	453	52
Total	100,321	50,574	34,450	6,344	3,488	4,361	887	217

Victims by Road Jurisdiction		
	Killed	Injured
Municipal (Excl. Tp. Rd.)	468	61,721
Provincial Highway	645	22,599
Township	116	6,674
County or District	142	4,349
Regional Mun.	67	4,412
Other	7	566
Total	1,445	100,321

Includes Moped Driver
Includes Moped Passenger

Victims, By Month of Occurrence					
Month	Killed	Injured		Killed	Injured
Jan.	93	7,856	July	173	10,113
Feb.	86	6,963	Aug.	158	10,237
Mar.	102	6,591	Sept.	127	8,664
Apr.	88	6,663	Oct.	120	8,931
May	137	8,986	Nov.	126	7,961
June	126	9,059	Dec.	109	8,297
			Total	1,445	100,321

Summary of Motor Vehicle Traffic Accident Statistics
Number of Vehicles

Ontario 1981

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	279,510	1,251	92,072	186,187
Passenger Car & Trailer	765	7	226	532
Truck	48,957	367	14,538	34,052
Truck & Trailer	784	17	193	574
Tractor & Semi-Trailer	5,975	126	1.711	4,138
Motorcycle	5,256	107	4,638	511
Bus	2,598	14	932	1,652
School Bus	955	4	290	661
Other—Or Not Known	14,354	8	2,526	11,820
Non Motor Vehicle	4,988	80	3,978	930
Total	364,142	1,981	121,104	241,057
Condition of Vehicle				
No Apparent Defect	335,187	1,702	113,343	220,142
Service Brakes Defective	1,409	13	611	785
Steering Defective	358	1	159	198
Tire Puncture or Blow Out	1,114	3	445	666
Tire Tread Insufficient	849	39	376	434
Headlamps Defective	196	8	100	88
Other Lamps or Reflectors Defective	543	4	183	356
Engine Controls Defective	636	1	208	427
Wheels or Suspension Defective	341	2	112	227
Vision Obscured	258	1	79	178
Trailer Hitch Defective	149	2	19	128
Other Defects	2,112	20	679	1,413
Not Known	20,990	185	4,790	16,015
Total	364,142	1,981	121,104	241,057
Model Year of Vehicle				
1982	856	1	266	589
1981	25,350	143	8,952	16,255
1980	38,243	228	12,833	25,182
1979	39,215	227	12,917	26,071
1978	37,794	207	12,554	25,033
1977	35,954	178	11,837	23,939
1976	34,840	197	11,610	23,033
1975 & Earlier	133,054	736	44,449	87,869
Not Known	18,836	64	5,686	13,086
Total	364,142	1,981	121,104	241,057

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	201,778	1,631	74,666	125,481
Slowing/Stopping	22,570	29	8,203	14,338
Overtaking	6,619	60	2,039	4,520
Turning Left	37,996	84	11,842	26,070
Turning Right	11,648	17	2,820	8,811
Making "U" Turn	1,165	2	347	816
Changing Lanes	12,069	27	2,586	9,456
Merging	1,110	1	240	869
Reversing	8,939	11	946	7,982
Stopped or Parked	49,004	73	15,293	33,638
Pulling Away From Shoulder or Curb	2,403	1	450	1,952
Pulling Onto Shoulder or Into Curb	699	5	184	510
Not Known or Other	8,142	40	1,488	6,614
Total	364,142	1,981	121,104	241,057
Insurance				
Insured	336,600	1,826	111,656	223,118
Not Insured	4,853	80	3,045	1,728
Not Known	22,689	75	6,403	16,211
Total	364,142	1,981	121,104	241,057

Amount of Property Damage

$396,925,442.00

Ministry of
Transportation and
Communications

Transportation Regulation
Development Branch
Safety Co-ordination and
Development Office
West Building
1201 Wilson Avenue
Downsview, Ontario
M3M 1J8

ISSN 0707-2821

POOR

QUALITY

ORIGINAL